

05.GF-113
(3470)

January 8, 2003

Jim Loock, Chief Electric Engineer
Public Service Commission
610 N. Whitney Way
P.O. Box 7854
Madison, WI 53707-7854

RE: In the Matter of Filing Plans for Appropriate Inspection and Maintenance, PSC Rule 113.0607.

Dear Mr. Loock:

Enclosed for filing are 3 copies of Mazomanie Utility's Preventative Maintenance Plan detailing inspection maintenance schedules, condition rating criteria, corrective action schedules, record keeping procedures and report filing schedules as documented in this rule.

Very truly yours,

D 12:09
FBI
U.S. POSTAL SERVICE

Robert A. Harper
Electrical Superintendent
Village of Mazomanie

Enclosures

January 8, 2003

Mr. Jim Loock, Chief Electric Engineer
Public Service Commission
610 N. Whitney Way
P.O. Box 7854
Madison, WI 53707-7854

RE: In the Matter of Filing Reporting Requirements for Appropriate Inspection and Maintenance, PSC Rule 113.0607(6)

Dear Mr. Loock:

Enclosed for filing are 3 copies of *Mazomanie* ~~Black Earth~~ Utility's report to the commission, submitted every two years, showing compliance with its Preventative Maintenance Plan.

Very truly yours,

Robert A. Harper
Electrical Superintendent
Village of Mazomanie

Enclosures

13 D 12:09
1/8/03
VAD
U.S. POSTAGE SERVICE

Revised 1/18/03

Electric Division

SUMMARY
1-9-03

We have had a quite aggressive approach to making repairs in both Black Earth and Mazomanie because the systems are in bad shape. They are considerably better since I came on board 2 1/2 years ago. It is essential that the old underground feeders around the villages be replaced. I believe this will be done in the near future. We have been proceeding in Mazomanie with this main feeder replacement.

I'm sure I have sent too much documentation in some areas and not enough in other areas.

We have a lot of politics to deal with which makes getting the job done more difficult. It seems like we always have new board members. We have a better work force than what was here when I was hired. The experience level is still low, but improving every day.

Robert A Harper

Robert A Harper

RECD

1/13/03 D 12:09

EDISON SERVICE

PREVENTATIVE MAINTENANCE PLAN

Village of Mazomanie

FILING DEADLINE

FEBRUARY 1, 2001

December 19, 2000

Robert A. Harper

133 Crescent Street

Mazomanie, WI 53560

(608)767-2561

13
P 12/09
U.S. GOVERNMENT PRINTING OFFICE
2000 7-000-000-000-0000

This plan was prepared by the MEUW work group for PSC Rule 113.0607 for use by the 82 municipal electric utilities in Wisconsin and endorsed by PSC staff as meeting the requirements of Rule PSC 113.0607.

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I. Preventative Maintenance Plan

The PSC 113.0607 rule reads;

Appropriate inspection and maintenance: system reliability.

(1) PREVENTATIVE MAINTENANCE PLAN. Each utility or other person subject to this chapter, including persons who own electric generating facilities in this state who provide service to utilities with contracts of five years or more, shall develop and have in place its own preventative maintenance plan. This section is applicable to electric generating facilities as set forth at s. 194.491(5)(a)(1), Stats. Each plan shall include, among other things, appropriate inspection, maintenance and replacement cycles where applicable for overhead and underground distribution plant, transmission, generation¹, and substation facilities.

(2) CONTENTS OF THE PLAN. (a) *Performance standard.* The Preventative Maintenance Plan shall be designed to ensure high quality, safe, and reliable service, considering: cost, geography, weather, applicable codes, national electric industry practices, sound engineering judgment and experience.

1 *PSC staff interpretation is that generation applies to individual generators equal to or greater than 50 MW.*

II. Inspection Schedule and Methods:

The purpose of this plan is to maintain or improve the electrical system reliability with the objective of increased municipal loyalty and satisfaction from our constituents. The goals are to meet and exceed the schedules established in this plan.

Exception reporting (inspected equipment not in good condition) will be the method of documentation on all inspection forms.

The scope of this plan is traditional and uses proven maintenance techniques. Unique operating and maintenance philosophies have not been considered. Also, manufacturer defects will be dealt with as they are communicated to this utility.

EVERY

SCHEDULE:

MONTHLY

ANNUAL

5 YEARS

Transmission ($\geq 69\text{Kv}$ and above)		<i>ONLY have 1/4 M. I.e - Check That often.</i>	
Substations	X	X	
Distribution (OH & UG)			X

The inspection of Distribution facilities will be by individual substation circuits on a 5-year cycle such that the entire system will be inspected every 5 years. Inspector instructions for inspecting all facilities and forms are included with the plan.

METHODS: Five criteria groups will be used to complete the inspection of all facilities.

1. IR – infrared thermography used to find poor electrical connections and/or oil flow problems in equipment.
2. RFI - Radio Frequency Interference, a byproduct of loose hardware and connections, is checked using an AM radio receiver.
3. SI – structural integrity of all supporting hardware including poles, crossarms, insulators, structures, bases, foundations, buildings, etc.
4. Clearance – refers to proper spacing of conductors from objects, trees and other utility cables.
5. EC – equipment condition on non-structural components such as circuit breakers, transformers, regulators, reclosers, relays, batteries, capacitors, etc.

III. Condition Rating Criteria:

This criterion, as listed below, establishes the condition of a facility and also determines the repair schedule to correct deficiencies.

- 0) Good condition
- 1) Good condition but aging
- 2) Non-critical maintenance required – normally repair within 12 months
- 3) Priority maintenance required – normally repair within 90 days
- 4) Urgent maintenance required – report immediately to the utility and repair normally within 1 week

IV. Corrective Action Schedule

The rating criteria as listed above determine the corrective action schedule.

V. Record Keeping

All inspection forms and records will be retained for a minimum of 10 years. The inspection form contains all of the required critical information i.e. inspection dates, condition rating, schedule for repair and date of repair completion.

VI. Reporting Requirements

A report and summary of this plan's progress will be submitted every two years with the first report due to the Commission by February 1, 2003. The report will consist of a letter documenting the percent of inspections achieved compared to the schedule and a description of maintenance achieved within the scheduled time allowance.

OVERHEAD DISTRIBUTION INSPECTION FORM

Date 07/20/01 Inspected by C. J. J. Sub Ckt 4.410

MAP AREA	STRUCTURE	EQUIPMENT	CLEARANCE	COMMENTS	
				LOCATION	Rating Criteria
1	OK	OK	OK	OK	1) Good Condition
2	OK	OK	OK	OK	2) Non-critical Maintenance Required
3	OK	OK	OK	OK	3) Priority Maintenance Required
4	OK	OK	OK	OK	4) Urgent Maintenance Required
5	OK	OK	OK	OK	OK
6	OK	OK	OK	OK	OK
7	OK	OK	OK	OK	OK
8	OK	OK	OK	OK	OK
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10	OK	OK	OK	OK	OK
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245	OK	OK	OK	OK	OK
246	OK	OK	OK	OK	OK
247	OK	OK	OK	OK	OK
248	OK	OK	OK	OK	OK
249	OK	OK	OK	OK	OK
250	OK	OK	OK	OK	OK
251	OK	OK	OK	OK	OK
252	OK	OK	OK	OK	OK
253	OK	OK	OK	OK	OK
254	OK	OK	OK	OK	OK
255	OK	OK	OK	OK	OK
256	OK	OK	OK	OK	OK
257	OK	OK	OK	OK	OK
258	OK	OK	OK	OK	OK

OVERHEAD DISTRIBUTION INSPECTION FORM

Date 2-1-01 Inspected by (Signature) Sub _____ Ckt 24/4160

MAP AREA	STRUCTURE	EQUIPMENT	CLEARANCE	COMMENTS	P-2
					Curtiss Rd Thom Cramer LOCATION
16 - Pole	OK Condition/Leaning				
17 - "	Crossarm Condition				
18 - "	Insulators, DE, Pin				
19 - "	Soil Conditions				
20 - "	Pole Steps				
21 - "	Grounds Intact, Molding				
22 - "	Down Guys and Markers				
23 - "	Guy Bond, Insulator				
24 - "	Signs, Loc#, Warning				
25 - "	Customer Equipment				
26 - "	Conductor and Ties				
27 - "	U'Guard/Conduit Cond				
28 - "	RFI Check				
29 - "	Transformer				
30 - "	Switches				
31 - "	Cutouts				
	Arresters				
	Terminators				
	Street Light				
	Tree Trimming				
	Ground Line Clearances				
	Building Clearances				
	Streets, Roads, Alleys				
	Communication Clearance				
	Rating Criteria				
	0) Good Condition				
	1) Good Condition but aging				
	2) Non-critical Maintenance Required				
	3) Priority Maintenance Required				
	4) Urgent Maintenance Required				
	Date Item Corrected				
	Corrected By				

3 Pole Not good

Poles were bolted together

OVERHEAD DISTRIBUTION INSPECTION FORM

Date 2-6-001 Inspected by John Grego sub _____ Ckt 24/460

MAP AREA	STRUCTURE	EQUIPMENT	CLEARANCE	COMMENTS	Rating Criteria
Parmer St and Hudson Rd and State St LOCATION	32 - Pole	OK	OK	Pole Condition/Leaning	1) Good Condition ✓
	33 - "	OK	OK	Crossarm Condition	2) Non-critical Maintenance Required
	34 - "	OK	OK	Insulators, DE, Pin	3) Priority Maintenance Required
	35 - "	OK	OK	Soil Conditions	4) Urgent Maintenance Required
	36 - "	OK	OK	Pole Steps	
	37 - "	OK	OK	Grounds Intact, Molding	
	38 - "	OK	OK	Down Guys and Markers	
	39 - "	OK	OK	Guy Bond, Insulator	
	40 - "	OK	OK	Signs, Loc#, Warning	
	41 - "	OK	OK	Customer Equipment	
	42 - "	OK	OK	Conductor and Ties	
	43 - "	OK	OK	U'Guard/Conduit Cond	
	44 - "	OK	OK	RFI Check	
	45 - "	OK	OK	Transformer	
	46 - "	OK	OK	Switches	
	47 - "	OK	OK	Cutouts	
	48 - "	OK	OK	Arresters	
	49 - "	OK	OK	Terminators	
	50 - "	OK	OK	Street Light	
	51 - "	OK	OK	Tree Trimming	
	52 - "	OK	OK	Ground Line Clearances	
	53 - "	OK	OK	Building Clearances	
	54 - "	OK	OK	Streets, Roads, Alleys	
	55 - "	OK	OK	Communication Clearance	
	56 - "	OK	OK	0) Pole 1 aging Same	
	57 - "	OK	OK	0) Pole 1 aging Same	
	58 - "	OK	OK	0) Pole 1 aging Same	
	59 - "	OK	OK	0) Pole 1 aging Same	
	60 - "	OK	OK	0) Pole 1 aging Same	
	61 - "	OK	OK	0) Pole 1 aging Same	
	62 - "	OK	OK	0) Pole 1 aging Same	
	63 - "	OK	OK	0) Pole 1 aging Same	
	64 - "	OK	OK	0) Pole 1 aging Same	
	65 - "	OK	OK	0) Pole 1 aging Same	
	66 - "	OK	OK	0) Pole 1 aging Same	
	67 - "	OK	OK	0) Pole 1 aging Same	
	68 - "	OK	OK	0) Pole 1 aging Same	
	69 - "	OK	OK	0) Pole 1 aging Same	
	70 - "	OK	OK	0) Pole 1 aging Same	
	71 - "	OK	OK	0) Pole 1 aging Same	
	72 - "	OK	OK	0) Pole 1 aging Same	
	73 - "	OK	OK	0) Pole 1 aging Same	
	74 - "	OK	OK	0) Pole 1 aging Same	
	75 - "	OK	OK	0) Pole 1 aging Same	
	76 - "	OK	OK	0) Pole 1 aging Same	
	77 - "	OK	OK	0) Pole 1 aging Same	
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	79 - "	OK	OK	0) Pole 1 aging Same	
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	81 - "	OK	OK	0) Pole 1 aging Same	
	82 - "	OK	OK	0) Pole 1 aging Same	
	83 - "	OK	OK	0) Pole 1 aging Same	
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	87 - "	OK	OK	0) Pole 1 aging Same	
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	89 - "	OK	OK	0) Pole 1 aging Same	
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	102 - "	OK	OK	0) Pole 1 aging Same	
	103 - "	OK	OK	0) Pole 1 aging Same	
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	111 - "	OK	OK	0) Pole 1 aging Same	
	112 - "	OK	OK	0) Pole 1 aging Same	
	113 - "	OK	OK	0) Pole 1 aging Same	
	114 - "	OK	OK	0) Pole 1 aging Same	
	115 - "	OK	OK	0) Pole 1 aging Same	
	116 - "	OK	OK	0) Pole 1 aging Same	
	117 - "	OK	OK	0) Pole 1 aging Same	
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	123 - "	OK	OK	0) Pole 1 aging Same	
	124 - "	OK	OK	0) Pole 1 aging Same	
	125 - "	OK	OK	0) Pole 1 aging Same	
	126 - "	OK	OK	0) Pole 1 aging Same	
	127 - "	OK	OK	0) Pole 1 aging Same	
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	129 - "	OK	OK	0) Pole 1 aging Same	
	130 - "	OK	OK	0) Pole 1 aging Same	
	131 - "	OK	OK	0) Pole 1 aging Same	
	132 - "	OK	OK	0) Pole 1 aging Same	
	133 - "	OK	OK	0) Pole 1 aging Same	
	134 - "	OK	OK	0) Pole 1 aging Same	
	135 - "	OK	OK	0) Pole 1 aging Same	
	136 - "	OK	OK	0) Pole 1 aging Same	
	137 - "	OK	OK	0) Pole 1 aging Same	
	138 - "	OK	OK	0) Pole 1 aging Same	
	139 - "	OK	OK	0) Pole 1 aging Same	
	140 - "	OK	OK	0) Pole 1 aging Same	
	141 - "	OK	OK	0) Pole 1 aging Same	
	142 - "	OK	OK	0) Pole 1 aging Same	
	143 - "	OK	OK	0) Pole 1 aging Same	
	144 - "	OK	OK	0) Pole 1 aging Same	
	145 - "	OK	OK	0) Pole 1 aging Same	
	146 - "	OK	OK	0) Pole 1 aging Same	
	147 - "	OK	OK	0) Pole 1 aging Same	
	148 - "	OK	OK	0) Pole 1 aging Same	
	149 - "	OK	OK	0) Pole 1 aging Same	
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	151 - "	OK	OK	0) Pole 1 aging Same	
	152 - "	OK	OK	0) Pole 1 aging Same	
	153 - "	OK	OK	0) Pole 1 aging Same	
	154 - "	OK	OK	0) Pole 1 aging Same	
	155 - "	OK	OK	0) Pole 1 aging Same	
	156 - "	OK	OK	0) Pole 1 aging Same	
	157 - "	OK	OK	0) Pole 1 aging Same	
	158 - "	OK	OK	0) Pole 1 aging Same	
	159 - "	OK	OK	0) Pole 1 aging Same	
	160 - "	OK	OK	0) Pole 1 aging Same	
	161 - "	OK	OK	0) Pole 1 aging Same	
	162 - "	OK	OK	0) Pole 1 aging Same	
	163 - "	OK	OK	0) Pole 1 aging Same	
	164 - "	OK	OK	0) Pole 1 aging Same	
	165 - "	OK	OK	0) Pole 1 aging Same	
	166 - "	OK	OK	0) Pole 1 aging Same	
	167 - "	OK	OK	0) Pole 1 aging Same	
	168 - "	OK	OK	0) Pole 1 aging Same	
	169 - "	OK	OK	0) Pole 1 aging Same	
	170 - "	OK	OK	0) Pole 1 aging Same	
	171 - "	OK	OK	0) Pole 1 aging Same	
	172 - "	OK	OK	0) Pole 1 aging Same	
	173 - "	OK	OK	0) Pole 1 aging Same	
	174 - "	OK	OK	0) Pole 1 aging Same	
	175 - "	OK	OK	0) Pole 1 aging Same	
	176 - "	OK	OK	0) Pole 1 aging Same	
	177 - "	OK	OK	0) Pole 1 aging Same	
	178 - "	OK	OK	0) Pole 1 aging Same	
	179 - "	OK	OK	0) Pole 1 aging Same	
	180 - "	OK	OK	0) Pole 1 aging Same	
	181 - "	OK	OK	0) Pole 1 aging Same	
	182 - "	OK	OK	0) Pole 1 aging Same	
	183 - "	OK	OK	0) Pole 1 aging Same	
	184 - "	OK	OK	0) Pole 1 aging Same	
	185 - "	OK	OK	0) Pole 1 aging Same	
	186 - "	OK	OK	0) Pole 1 aging Same	
	187 - "	OK	OK	0) Pole 1 aging Same	
	188 - "	OK	OK	0) Pole 1 aging Same	
	189 - "	OK	OK	0) Pole 1 aging Same	
	190 - "	OK	OK	0) Pole 1 aging Same	
	191 - "	OK	OK	0) Pole 1 aging Same	
	192 - "	OK	OK	0) Pole 1 aging Same	
	193 - "	OK	OK	0) Pole 1 aging Same	
	194 - "	OK	OK	0) Pole 1 aging Same	
	195 - "	OK	OK	0) Pole 1 aging Same	
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	198 - "	OK	OK	0) Pole 1 aging Same	
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	200 - "	OK	OK	0) Pole 1 aging Same	
	201 - "	OK	OK	0) Pole 1 aging Same	
	202 - "	OK	OK	0) Pole 1 aging Same	
	203 - "	OK	OK	0) Pole 1 aging Same	
	204 - "	OK	OK	0) Pole 1 aging Same	
	205 - "	OK	OK	0) Pole 1 aging Same	
	206 - "	OK	OK	0) Pole 1 aging Same	
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	208 - "	OK	OK	0) Pole 1 aging Same	
	209 - "	OK	OK	0) Pole 1 aging Same	
	210 - "	OK	OK	0) Pole 1 aging Same	
	211 - "	OK	OK	0) Pole 1 aging Same	
	212 - "	OK	OK	0) Pole 1 aging Same	
	213 - "	OK	OK	0) Pole 1 aging Same	
	214 - "	OK	OK	0) Pole 1 aging Same	
	215 - "	OK	OK	0) Pole 1 aging Same	
	216 - "	OK	OK	0) Pole 1 aging Same	
	217 - "	OK	OK	0) Pole 1 aging Same	
	218 - "	OK	OK	0) Pole 1 aging Same	
	219 - "	OK	OK	0) Pole 1 aging Same	
	220 - "	OK	OK	0) Pole 1 aging Same	
	221 - "	OK	OK	0) Pole 1 aging Same	
	222 - "	OK	OK	0) Pole 1 aging Same	
	223 - "	OK	OK	0) Pole 1 aging Same	
	224 - "	OK	OK	0) Pole 1 aging Same	
	225 - "	OK	OK	0) Pole 1 aging Same	
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	227 - "	OK	OK	0) Pole 1 aging Same	
	228 - "	OK	OK	0) Pole 1 aging Same	
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	230 - "	OK	OK	0) Pole 1 aging Same	
	231 - "	OK	OK	0) Pole 1 aging Same	
	232 - "	OK	OK	0) Pole 1 aging Same	
	233 - "	OK	OK	0) Pole 1 aging Same	
	234 - "	OK	OK	0) Pole 1 aging Same	
	235 - "	OK	OK	0) Pole 1 aging Same	
	236 - "	OK	OK	0) Pole 1 aging Same	
	237 - "	OK	OK	0) Pole 1 aging Same	
	238 - "	OK	OK	0) Pole 1 aging Same	
	239 - "	OK	OK	0) Pole 1 aging Same	
	240 - "	OK	OK	0) Pole 1 aging Same	
	241 - "	OK	OK	0) Pole 1 aging Same	
	242 - "	OK	OK	0) Pole 1 aging Same	
	243 - "	OK	OK	0) Pole 1 aging Same	
	244 - "	OK	OK	0) Pole 1 aging Same	
	245 - "	OK	OK	0) Pole 1 aging Same	
	246 - "	OK	OK	0) Pole 1 aging Same	
	247 - "	OK	OK	0) Pole 1 aging Same	
	248 - "	OK	OK	0) Pole 1 aging Same	
	249 - "	OK	OK	0) Pole 1 aging Same	
	250 - "	OK	OK	0) Pole 1 aging Same	
	251 - "	OK	OK	0) Pole 1 aging Same	
	252 - "	OK	OK	0) Pole 1 aging Same	
	253 - "	OK	OK	0) Pole 1 aging Same	
	254 - "	OK	OK	0) Pole 1 aging Same	
	255 - "	OK	OK	0) Pole 1 aging Same	
	256 - "	OK	OK	0) Pole 1 aging Same	
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	260 - "	OK	OK	0) Pole 1 aging Same	
	261 - "	OK	OK	0) Pole 1 aging Same	
	262 - "	OK	OK	0) Pole 1 aging Same	
	263 - "	OK	OK	0) Pole 1 aging Same	
	264 - "	OK	OK	0) Pole 1 aging Same	
	265 - "	OK	OK	0) Pole 1 aging Same	
	266 - "	OK	OK	0) Pole 1 aging Same	
	267 - "	OK	OK	0) Pole 1 aging Same	
	268 - "	OK	OK	0) Pole 1 aging Same	
	269 - "	OK	OK	0) Pole 1 aging Same	
	270 - "	OK	OK	0) Pole 1 aging Same	
	271 - "	OK	OK	0) Pole 1 aging Same	
	272 - "	OK			

OVERHEAD DISTRIBUTION INSPECTION FORM

Date 2-9-01 Inspected by John Gregor Sub Ckt 24 46.00
73 m

OVERHEAD DISTRIBUTION INSPECTION FORM

MAP AREA	STRUCTURE	EQUIPMENT	CLEARANCE	COMMENTS	Rating Criteria
					0) Good Condition 1) Good Condition but aging 2) Non-critical Maintenance Required 3) Priority Maintenance Required 4) Urgent Maintenance Required
North Street & STATE Street	LOCATION				
1	Pole 63				
2	" 64				
3	" 65				
4	" 66				
5	" 67				
6	" 68				
7	" 69				
8	" 31				
9	" 32				
10	" 33				
11	" 34				
12	" 35				
13	" 36				
14	" 37				
15	38				
16	39				

OVERHEAD DISTRIBUTION INSPECTION FORM

Date 2/12/01 Inspected by Troy Ward Sub _____ Ckt 1200

OVERHEAD DISTRIBUTION INSPECTION FORM

Date 2/1/01 Inspected by Troy Wende Sub _____ Ckt 7300

OVERHEAD DISTRIBUTION INSPECTION FORM

Date 2/13/01 Inspected by Troy Jordon Sub _____ Ckt 7200

MAP AREA	STRUCTURE	EQUIPMENT	CLEARANCE	COMMENTS
A MENDA RD				Rating Criteria 0) Good Condition 1) Good Condition but aging 2) Non-critical Maintenance Required 3) Priority Maintenance Required 4) Urgent Maintenance Required
HANDEL RD	LOCATION			
	Amenda Rd 67	1	1	Pole Condition/Leaning
11	68	1	0	Crossarm Condition
11	69	1	0	Insulators, DE, Pin
11	70	2	0	Soil Conditions
11	71	1	0	Pole Steps
11	72	2	0	Grounds Intact, Molding
11	73	0	0	Down Guys and Markers
11	74	0	0	Guy Bond, Insulator
11	75	0	0	Signs, Loc#, Warning
11	76	0	0	Customer Equipment
11	77	0	0	Conductor and Ties
11	78	0	0	U'Guard/Conduit Cond
11	79	0	0	RFI Check
11	80	0	0	Transformer
11	81	0	0	Switches
11	82	0	0	Cutouts
0 yes	0 yes	0 yes	0 yes	Arresters
0 0	0 0	0 0	0 0	Terminators
0 0	0 0	0 0	0 0	Street Light
0 0	0 0	0 0	0 0	Tree Trimming
0 0	0 0	0 0	0 0	Ground Line Clearances
0 0	0 0	0 0	0 0	Building Clearances
0 0	0 0	0 0	0 0	Streets, Roads, Alleys
0 0	0 0	0 0	0 0	Communication Clearance
				Date Item Corrected
				Corrected By

OVERHEAD DISTRIBUTION INSPECTION FORM

Date Oct. 7, 2011 Inspected by John Doe Sub Sub A Ckt Ckt 1

MAP AREA	STRUCTURE	EQUIPMENT	CLEARANCE	COMMENTS	Rating Criteria
					Pole Condition/Leaning
1	OK	OK	OK	OK	OK
2	OK	OK	OK	OK	OK
3	OK	OK	OK	OK	OK
4	OK	OK	OK	OK	OK
5	OK	OK	OK	OK	OK
6	OK	OK	OK	OK	OK
7	OK	OK	OK	OK	OK
8	OK	OK	OK	OK	OK
9	OK	OK	OK	OK	OK
10	OK	OK	OK	OK	OK
11	OK	OK	OK	OK	OK
12	OK	OK	OK	OK	OK
13	OK	OK	OK	OK	OK
14	OK	OK	OK	OK	OK
15	OK	OK	OK	OK	OK
16	OK	OK	OK	OK	OK
17	OK	OK	OK	OK	OK
18	OK	OK	OK	OK	OK
19	OK	OK	OK	OK	OK
20	OK	OK	OK	OK	OK
21	OK	OK	OK	OK	OK
22	OK	OK	OK	OK	OK
23	OK	OK	OK	OK	OK
24	OK	OK	OK	OK	OK
25	OK	OK	OK	OK	OK
26	OK	OK	OK	OK	OK
27	OK	OK	OK	OK	OK
28	OK	OK	OK	OK	OK
29	OK	OK	OK	OK	OK
30	OK	OK	OK	OK	OK
31	OK	OK	OK	OK	OK
32	OK	OK	OK	OK	OK
33	OK	OK	OK	OK	OK
34	OK	OK	OK	OK	OK
35	OK	OK	OK	OK	OK
36	OK	OK	OK	OK	OK
37	OK	OK	OK	OK	OK
38	OK	OK	OK	OK	OK
39	OK	OK	OK	OK	OK
40	OK	OK	OK	OK	OK
41	OK	OK	OK	OK	OK
42	OK	OK	OK	OK	OK
43	OK	OK	OK	OK	OK
44	OK	OK	OK	OK	OK
45	OK	OK	OK	OK	OK
46	OK	OK	OK	OK	OK
47	OK	OK	OK	OK	OK
48	OK	OK	OK	OK	OK
49	OK	OK	OK	OK	OK
50	OK	OK	OK	OK	OK
51	OK	OK	OK	OK	OK
52	OK	OK	OK	OK	OK
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61	OK	OK	OK	OK	OK
62	OK	OK	OK	OK	OK
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67	OK	OK	OK	OK	OK
68	OK	OK	OK	OK	OK
69	OK	OK	OK	OK	OK
70	OK	OK	OK	OK	OK
71	OK	OK	OK	OK	OK
72	OK	OK	OK	OK	OK
73	OK	OK	OK	OK	OK
74	OK	OK	OK	OK	OK
75	OK	OK	OK	OK	OK
76	OK	OK	OK	OK	OK
77	OK	OK	OK	OK	OK
78	OK	OK	OK	OK	OK
79	OK	OK	OK	OK	OK
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107	OK	OK	OK	OK	OK
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110	OK	OK	OK	OK	OK
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113	OK	OK	OK	OK	OK
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115	OK	OK	OK	OK	OK
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117	OK	OK	OK	OK	OK
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119	OK	OK	OK	OK	OK
120	OK	OK	OK	OK	OK
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122	OK	OK	OK	OK	OK
123	OK	OK	OK	OK	OK
124	OK	OK	OK	OK	OK
125	OK	OK	OK	OK	OK
126	OK	OK	OK	OK	OK
127	OK	OK	OK	OK	OK
128	OK	OK	OK	OK	OK
129	OK	OK	OK	OK	OK
130	OK	OK	OK	OK	OK
131	OK	OK	OK	OK	OK
132	OK	OK	OK	OK	OK
133	OK	OK	OK	OK	OK
134	OK	OK	OK	OK	OK
135	OK	OK	OK	OK	OK
136	OK	OK	OK	OK	OK
137	OK	OK	OK	OK	OK
138	OK	OK	OK	OK	OK
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141	OK	OK	OK	OK	OK
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148	OK	OK	OK	OK	OK
149	OK	OK	OK	OK	OK
150	OK	OK	OK	OK	OK
151	OK	OK	OK	OK	OK
152	OK	OK	OK	OK	OK
153	OK	OK	OK	OK	OK
154	OK	OK	OK	OK	OK
155	OK	OK	OK	OK	OK
156	OK	OK	OK	OK	OK
157	OK	OK	OK	OK	OK
158	OK	OK	OK	OK	OK
159	OK	OK	OK	OK	OK
160	OK	OK	OK	OK	OK
161	OK	OK	OK	OK	OK
162	OK	OK	OK	OK	OK
163	OK	OK	OK	OK	OK
164	OK	OK	OK	OK	OK
165	OK	OK	OK	OK	OK
166	OK	OK	OK	OK	OK
167	OK	OK	OK	OK	OK
168	OK	OK	OK	OK	OK
169	OK	OK	OK	OK	OK
170	OK	OK	OK	OK	OK
171	OK	OK	OK	OK	OK
172	OK	OK	OK	OK	OK
173	OK	OK	OK	OK	OK
174	OK	OK	OK	OK	OK
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186	OK	OK	OK	OK	OK
187	OK	OK	OK	OK	OK
188	OK	OK	OK	OK	OK
189	OK	OK	OK	OK	OK
190	OK	OK	OK	OK	OK
191	OK	OK	OK	OK	OK
192	OK	OK	OK	OK	OK
193	OK	OK	OK	OK	OK
194	OK	OK	OK	OK	OK
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213	OK	OK	OK	OK	OK
214	OK	OK	OK	OK	OK
215	OK	OK	OK	OK	OK
216	OK	OK	OK	OK	OK
217	OK	OK	OK	OK	OK
218	OK	OK	OK	OK	OK
219	OK	OK	OK	OK	OK
220	OK	OK	OK	OK	OK
221	OK	OK	OK	OK	OK
222	OK	OK	OK	OK	OK
223	OK	OK	OK	OK	OK
224	OK	OK	OK	OK	OK
225	OK	OK	OK	OK	OK
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227	OK	OK	OK	OK	OK
228	OK	OK	OK	OK	OK
229	OK	OK	OK	OK	OK
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231	OK	OK	OK	OK	OK
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234	OK	OK	OK	OK	OK
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243	OK	OK	OK	OK	OK
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245	OK	OK	OK	OK	OK
246	OK	OK	OK	OK	OK
247	OK	OK	OK	OK	OK
248	OK	OK	OK	OK	OK
249	OK	OK	OK	OK	OK
250	OK	OK	OK	OK	OK
251	OK	OK	OK	OK	OK
252	OK	OK	OK	OK	OK
253	OK	OK	OK	OK	OK
254	OK	OK	OK	OK	OK
255	OK	OK	OK	OK	OK
256	OK	OK	OK	OK	OK
257	OK	OK	OK	OK	OK
258	OK	OK	OK	OK	OK
259					

OVERHEAD DISTRIBUTION INSPECTION FORM

Date Oct. 7, 1941 Inspected by John C. Smith Sub Ckt L4. 4410

OVERHEAD DISTRIBUTION INSPECTION FORM

Date 2-1-01 Inspected by Curtis R. Thom Sub Ckt 24/460

MAP AREA	STRUCTURE LOCATION	EQUIPMENT	CLEARANCE	COMMENTS	Rating Criteria				Date Item Corrected	Corrected By	
					0) Good Condition✓	1) Good Condition but aging	2) Non-critical Maintenance Required	3) Priority Maintenance Required	4) Urgent Maintenance Required		
P-2	16 - Pole				O	O	O	O	O	01-01	
	17 - "				O	O	O	O	O	01-01	
	18 - "				O	O	O	O	O	01-01	
	19 - "				O	O	O	O	O	01-01	
	20 - "				O	O	O	O	O	01-01	
	21 - "				O	O	O	O	O	01-01	
	22 - "				O	O	O	O	O	01-01	
	23 - "				O	O	O	O	O	01-01	
	24 - "				O	O	O	O	O	01-01	
	25 - "				O	O	O	O	O	01-01	
	26 - "				O	O	O	O	O	01-01	
	27 - "				O	O	O	O	O	01-01	
	28 - "				O	O	O	O	O	01-01	
	29 - "				O	O	O	O	O	01-01	
	30 - "				O	O	O	O	O	01-01	
	31 - "				O	O	O	O	O	01-01	

Curtis R.
Thom
Cramer

OVERHEAD DISTRIBUTION INSPECTION FORM

Date 2/12/01 Inspected by Troy Wray, Sub _____ Ckt # A/17 / 200

MAP AREA	STRUCTURE	EQUIPMENT	CLEARANCE	COMMENTS	Rating Criteria			
					0) Good Condition	1) Good Condition but aging	2) Non-critical Maintenance Required	3) Priority Maintenance Required
North Street & STATE Street	LOCATION	Pole Condition/leaning	Crossarm Condition	Inulators, DE, Pin	0	0	0	0
Pole 63	" 64	0	0	Soil Conditions	0	0	0	0
" 65	" 66	0	0	Pole Steps	0	0	0	0
" 67	" 68	0	0	Grounds intact, Molding	0	0	0	0
" 69	" 70	0	0	Guy Board, Insulator	0	0	0	0
" 71	" 72	0	0	Signs, Lock, Warning	0	0	0	0
" 73	" 74	0	0	Customer Equipment	0	0	0	0
" 75	" 76	0	0	Conductor and Ties	0	0	0	0
" 77	" 78	0	0	U/Guard/Conduit Conn	0	0	0	0
" 79	" 80	0	0	RFI Check	0	0	0	0
" 81	" 82	0	0	Transformer	0	0	0	0
" 83	" 84	0	0	Switches	0	0	0	0
" 85	" 86	0	0	Cutouts	0	0	0	0
" 87	" 88	0	0	Arresters	0	0	0	0
" 89	" 90	0	0	Terminators	0	0	0	0
" 91	" 92	0	0	Street Light	0	0	0	0
" 93	" 94	0	0	Tree Trimming	0	0	0	0
" 95	" 96	0	0	Ground Line Clearances	0	0	0	0
" 97	" 98	0	0	Building Clearances	0	0	0	0
" 99	" 100	0	0	Streets, Roads, Alleys	0	0	0	0
" 101	" 102	0	0	Communication Clearance	0	0	0	0
" 103	" 104	0	0	Corrected By _____	0	0	0	0
" 105	" 106	0	0	Date Item Corrected	0	0	0	0
" 107	" 108	0	0		0	0	0	0
" 109	" 110	0	0		0	0	0	0
" 111	" 112	0	0		0	0	0	0
" 113	" 114	0	0		0	0	0	0
" 115	" 116	0	0		0	0	0	0
" 117	" 118	0	0		0	0	0	0
" 119	" 120	0	0		0	0	0	0
" 121	" 122	0	0		0	0	0	0
" 123	" 124	0	0		0	0	0	0
" 125	" 126	0	0		0	0	0	0
" 127	" 128	0	0		0	0	0	0
" 129	" 130	0	0		0	0	0	0
" 131	" 132	0	0		0	0	0	0
" 133	" 134	0	0		0	0	0	0
" 135	" 136	0	0		0	0	0	0
" 137	" 138	0	0		0	0	0	0
" 139	" 140	0	0		0	0	0	0

OVERHEAD DISTRIBUTION INSPECTION FORM

Date 2/12/01 Inspected by Troy W.a.d. Sub Ckt 1280

MAP AREA	STRUCTURE	EQUIPMENT	CLEARANCE	COMMENTS	Rating Criteria			
					0) Good Condition	1) Good Condition but aging	2) Non-critical Maintenance Required	3) Priority Maintenance Required
Highway	Clearance	None	None	None	0	0	0	0
40	None	None	None	None	0	0	0	0
41	None	None	None	None	0	0	0	0
42	None	None	None	None	0	0	0	0
43	None	None	None	None	0	0	0	0
44	None	None	None	None	0	0	0	0
45	None	None	None	None	0	0	0	0
46	None	None	None	None	0	0	0	0
47	None	None	None	None	0	0	0	0
48	None	None	None	None	0	0	0	0
49	None	None	None	None	0	0	0	0
50	None	None	None	None	0	0	0	0
51	None	None	None	None	0	0	0	0
52	None	None	None	None	0	0	0	0
53	None	None	None	None	0	0	0	0
54	None	None	None	None	0	0	0	0
55	None	None	None	None	0	0	0	0

Corrected By _____

Date Item Corrected

OVERHEAD DISTRIBUTION INSPECTION FORM

Date 2/16/01 Inspected by Troy Wadie Sub Sub Ckt 7200

MAP AREA	STRUCTURE	EQUIPMENT	CLEARANCE	COMMENTS	Rating Criteria			
					0) Good Condition	1) Good Condition but aging	2) Non-critical Maintenance Required	3) Priority Maintenance Required
Highway Y	Amenda R R	Highway Pole 56	57	0) Good Condition 1) Good Condition but aging 2) Non-critical Maintenance Required 3) Priority Maintenance Required 4) Urgent Maintenance Required	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0
				Comments	Communication Clearance	Streets, Roads, Alleys	Building Clearances	Ground Line Clearances
				Date Item Corrected	Tree Trimming	Street Light	Terminals	Arresters
				Corrected By	Switches	Cutouts	Customer Equipment	Transformer
					Yes Yes	Signs, Locks, Warning	Guy Bond, Insulator	RFL Check
						Guy Bonds and Markers	Down Guy's and Markers	Guard/Conduit Cond
						Grounds intact, Molding	Pole Steps	Conductor and Ties
						Insulators, DE, Pin	Soil Conditions	Customer Equipment
						Crossarm Condition	Pole Steps	RFI Check
						Pole Condition/leaning	Grounds Intact, Molding	Guard/Conduit Cond
						Highway Pole 56	Down Guy's and Markers	Conductor and Ties
						57	Guy Bonds and Markers	Customer Equipment
						58	Down Guy's and Markers	Guard/Conduit Cond
						59	Guy Bonds and Markers	Conductor and Ties
						60	Down Guy's and Markers	Customer Equipment
						61	Guy Bonds and Markers	Guard/Conduit Cond
						62	Guy Bonds and Markers	Conductor and Ties
						63	Guy Bonds and Markers	Customer Equipment
						64	Guy Bonds and Markers	Guard/Conduit Cond
						65	Guy Bonds and Markers	Conductor and Ties
						66	Guy Bonds and Markers	Customer Equipment
						67	Guy Bonds and Markers	Guard/Conduit Cond
						68	Guy Bonds and Markers	Conductor and Ties
						69	Guy Bonds and Markers	Customer Equipment
						70	Guy Bonds and Markers	Guard/Conduit Cond
						71	Guy Bonds and Markers	Conductor and Ties
						72	Guy Bonds and Markers	Customer Equipment
						73	Guy Bonds and Markers	Guard/Conduit Cond
						74	Guy Bonds and Markers	Conductor and Ties
						75	Guy Bonds and Markers	Customer Equipment
						76	Guy Bonds and Markers	Guard/Conduit Cond
						77	Guy Bonds and Markers	Conductor and Ties
						78	Guy Bonds and Markers	Customer Equipment
						79	Guy Bonds and Markers	Guard/Conduit Cond
						80	Guy Bonds and Markers	Conductor and Ties
						81	Guy Bonds and Markers	Customer Equipment
						82	Guy Bonds and Markers	Guard/Conduit Cond
						83	Guy Bonds and Markers	Conductor and Ties
						84	Guy Bonds and Markers	Customer Equipment
						85	Guy Bonds and Markers	Guard/Conduit Cond
						86	Guy Bonds and Markers	Conductor and Ties
						87	Guy Bonds and Markers	Customer Equipment
						88	Guy Bonds and Markers	Guard/Conduit Cond
						89	Guy Bonds and Markers	Conductor and Ties
						90	Guy Bonds and Markers	Customer Equipment
						91	Guy Bonds and Markers	Guard/Conduit Cond
						92	Guy Bonds and Markers	Conductor and Ties
						93	Guy Bonds and Markers	Customer Equipment
						94	Guy Bonds and Markers	Guard/Conduit Cond
						95	Guy Bonds and Markers	Conductor and Ties
						96	Guy Bonds and Markers	Customer Equipment
						97	Guy Bonds and Markers	Guard/Conduit Cond
						98	Guy Bonds and Markers	Conductor and Ties
						99	Guy Bonds and Markers	Customer Equipment
						100	Guy Bonds and Markers	Guard/Conduit Cond
						101	Guy Bonds and Markers	Conductor and Ties
						102	Guy Bonds and Markers	Customer Equipment
						103	Guy Bonds and Markers	Guard/Conduit Cond
						104	Guy Bonds and Markers	Conductor and Ties
						105	Guy Bonds and Markers	Customer Equipment
						106	Guy Bonds and Markers	Guard/Conduit Cond
						107	Guy Bonds and Markers	Conductor and Ties
						108	Guy Bonds and Markers	Customer Equipment
						109	Guy Bonds and Markers	Guard/Conduit Cond
						110	Guy Bonds and Markers	Conductor and Ties
						111	Guy Bonds and Markers	Customer Equipment
						112	Guy Bonds and Markers	Guard/Conduit Cond
						113	Guy Bonds and Markers	Conductor and Ties
						114	Guy Bonds and Markers	Customer Equipment
						115	Guy Bonds and Markers	Guard/Conduit Cond
						116	Guy Bonds and Markers	Conductor and Ties
						117	Guy Bonds and Markers	Customer Equipment
						118	Guy Bonds and Markers	Guard/Conduit Cond
						119	Guy Bonds and Markers	Conductor and Ties
						120	Guy Bonds and Markers	Customer Equipment
						121	Guy Bonds and Markers	Guard/Conduit Cond
						122	Guy Bonds and Markers	Conductor and Ties
						123	Guy Bonds and Markers	Customer Equipment
						124	Guy Bonds and Markers	Guard/Conduit Cond
						125	Guy Bonds and Markers	Conductor and Ties
						126	Guy Bonds and Markers	Customer Equipment
						127	Guy Bonds and Markers	Guard/Conduit Cond
						128	Guy Bonds and Markers	Conductor and Ties
						129	Guy Bonds and Markers	Customer Equipment
						130	Guy Bonds and Markers	Guard/Conduit Cond
						131	Guy Bonds and Markers	Conductor and Ties
						132	Guy Bonds and Markers	Customer Equipment
						133	Guy Bonds and Markers	Guard/Conduit Cond
						134	Guy Bonds and Markers	Conductor and Ties
						135	Guy Bonds and Markers	Customer Equipment
						136	Guy Bonds and Markers	Guard/Conduit Cond
						137	Guy Bonds and Markers	Conductor and Ties
						138	Guy Bonds and Markers	Customer Equipment
						139	Guy Bonds and Markers	Guard/Conduit Cond
						140	Guy Bonds and Markers	Conductor and Ties
						141	Guy Bonds and Markers	Customer Equipment
						142	Guy Bonds and Markers	Guard/Conduit Cond
						143	Guy Bonds and Markers	Conductor and Ties
						144	Guy Bonds and Markers	Customer Equipment
						145	Guy Bonds and Markers	Guard/Conduit Cond
						146	Guy Bonds and Markers	Conductor and Ties
						147	Guy Bonds and Markers	Customer Equipment
						148	Guy Bonds and Markers	Guard/Conduit Cond
						149	Guy Bonds and Markers	Conductor and Ties
						150	Guy Bonds and Markers	Customer Equipment
						151	Guy Bonds and Markers	Guard/Conduit Cond
						152	Guy Bonds and Markers	Conductor and Ties
						153	Guy Bonds and Markers	Customer Equipment
						154	Guy Bonds and Markers	Guard/Conduit Cond
						155	Guy Bonds and Markers	Conductor and Ties
						156	Guy Bonds and Markers	Customer Equipment
						157	Guy Bonds and Markers	Guard/Conduit Cond
						158	Guy Bonds and Markers	Conductor and Ties
						159	Guy Bonds and Markers	Customer Equipment
						160	Guy Bonds and Markers	Guard/Conduit Cond
						161	Guy Bonds and Markers	Conductor and Ties
						162	Guy Bonds and Markers	Customer Equipment
						163	Guy Bonds and Markers	Guard/Conduit Cond
						164	Guy Bonds and Markers	Conductor and Ties
						165	Guy Bonds and Markers	Customer Equipment
						166	Guy Bonds and Markers	Guard/Conduit Cond
						167	Guy Bonds and Markers	Conductor and Ties
						168	Guy Bonds and Markers	Customer Equipment
						169	Guy Bonds and Markers	Guard/Conduit Cond
						170	Guy Bonds and Markers	Conductor and Ties
						171	Guy Bonds and Markers	Customer Equipment
						172	Guy Bonds and Markers	Guard/Conduit Cond
						173	Guy Bonds and Markers	Conductor and Ties
						174	Guy Bonds and Markers	Customer Equipment
						175	Guy Bonds and Markers	Guard/Conduit Cond
						176	Guy Bonds and Markers	Conductor and Ties
						177	Guy Bonds and Markers	Customer Equipment
						178	Guy Bonds and Markers	Guard/Conduit Cond
						179	Guy Bonds and Markers	Conductor and Ties
						180	Guy Bonds and Markers	Customer Equipment
						181	Guy Bonds and Markers	Guard/Conduit Cond
						182	Guy Bonds and Markers	Conductor and Ties
						183	Guy Bonds and Markers	Customer Equipment
						184	Guy Bonds and Markers	Guard/Conduit Cond
						185	Guy Bonds and Markers	Conductor and Ties
						186	Guy Bonds and Markers	Customer Equipment
						187	Guy Bonds and Markers	Guard/Conduit Cond
						188	Guy Bonds and Markers	Conductor and Ties
						189	Guy Bonds and Markers	Customer Equipment
						190	Guy Bonds and Markers	Guard/Conduit Cond
						191	Guy Bonds and Markers	Conductor and Ties
						192	Guy Bonds and Markers	Customer Equipment
						193	Guy Bonds and Markers	Guard/Conduit Cond
						194	Guy Bonds and Markers	Conductor and Ties
						195	Guy Bonds and Markers	Customer Equipment
						196	Guy Bonds and Markers	Guard/Conduit Cond
						197	Guy Bonds and Markers	Conductor and Ties
						198	Guy Bonds and Markers	Customer Equipment
						199	Guy Bonds and Markers	Guard/Conduit Cond
						200	Guy Bonds and Markers	Conductor and Ties

NEEDS Known leads From Transformer
Convert To 7200 and New Trans forced change

OVERHEAD DISTRIBUTION INSPECTION FORM

Date 2/13/01 Inspected by Troy Womble Sub Ckt 7200

MAP AREA	STRUCTURE	EQUIPMENT	CLEARANCE	COMMENTS	Rating Criteria			
					0) Good Condition	1) Good Condition but aging	2) Non-critical Maintenance Required	3) Priority Maintenance Required
HANDBRICK RD	Segebrecht Rd Pole 328				0	0	0	0
"	84				0	0	0	0
segabrecht RD	85				0	0	0	0
"	86				0	0	0	0
"	87				0	0	0	0
"	88				0	0	0	0
"	89				0	0	0	0
"	90				0	0	0	0
"	91	-			0	0	0	0
"	92				0	0	0	0
"	93				0	0	0	0
"	94				0	0	0	0
"	95				0	0	0	0
"	96				0	0	0	0
"	97				0	0	0	0
"	98				0	0	0	0

Date Item Corrected
Corrected By

OVERHEAD DISTRIBUTION INSPECTION FORM

Date 2/13/01 Inspected by Troy Wande Sub Cat 7200

MAP AREA	STRUCTURE	EQUIPMENT	CLEARANCE	COMMENTS	Rating Criteria			
					0) Good Condition	1) Good Condition but aging	2) Non-critical Maintenance Required	3) Priority Maintenance Required
Segebrecht RD	Pole 100	yes	0	0	0	0	0	0
Segebrecht RD	Pole 101	yes	0	0	0	0	0	0
Bridge St.	Pole 102	yes	0	0	0	0	0	0
Bridge St.	Pole 103	yes	0	0	0	0	0	0
Bridge St.	Pole 104	yes	0	0	0	0	0	0
Bridge St.	Pole 105	yes	0	0	0	0	0	0
Bridge St.	Pole 106	yes	0	0	0	0	0	0
Bridge St.	Pole 107	yes	0	0	0	0	0	0
Bridge St.	Pole 108	yes	0	0	0	0	0	0
Bridge St.	Pole 109	yes	0	0	0	0	0	0
Bridge St.	Pole 110	yes	0	0	0	0	0	0
Bridge St.	Pole 111	yes	0	0	0	0	0	0
Bridge St.	Pole 112	yes	0	0	0	0	0	0
Bridge St.	Pole 113	yes	0	0	0	0	0	0
Bridge St.	Pole 114	yes	0	0	0	0	0	0
Corrected By _____ Date Item Corrected _____								

OVERHEAD DISTRIBUTION INSPECTION FORM

Date 2-14-00 Inspected by Joh. Griepe Sub Ckt 2244660 and 7

MAP AREA	STRUCTURE	EQUIPMENT	CLEARANCE	COMMENTS			
				Rating Criteria			
LOCATION					Date Item Corrected		
	0) Good Condition	1) Good Condition but aging	2) Non-critical Maintenance Required	3) Priority Maintenance Required	4) Urgent Maintenance Required		
Bridge Pole 115	Pole Condition-Leesning	Crossarm Condition	Insulators, DE, Pin	Soil Conditions	Pole Steps	Grounds intact, Molding	Down Guy's and Markers
Parcels # 116	Bridge Pole	0	0	0	0	0	0
Parcels # 117	Bridge Pole	0	0	0	0	0	0
118	Bridge Pole	0	0	0	0	0	0
119	Bridge Pole	0	0	0	0	0	0
120	Bridge Pole	0	0	0	0	0	0
121	Bridge Pole	0	0	0	0	0	0
Crescent 122	Bridge Pole	0	0	0	0	0	0
Cramer 123	Bridge Pole	0	0	0	0	0	0
124	Bridge Pole	0	0	0	0	0	0
125	Bridge Pole	0	0	0	0	0	0
126	Bridge Pole	0	0	0	0	0	0
127	Bridge Pole	0	0	0	0	0	0
128	Bridge Pole	0	0	0	0	0	0
129	Bridge Pole	0	0	0	0	0	0
130	Bridge Pole	0	0	0	0	0	0

OVERHEAD DISTRIBUTION INSPECTION FORM

Date 2-17-01 Inspected by John Gaskins Sub Ckt 24/4165

MAP AREA	STRUCTURE	EQUIPMENT	CLEARANCE	COMMENTS	Rating Criteria			
					0) Good Condition	1) Good Condition but aging	2) Non-critical Maintenance Required	3) Priority Maintenance Required
Cranner St Hy KP	Communication Clearance							
131	0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0
132	0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0
133	0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0
134	0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0
135	0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0
136	0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0
137	0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0
138	0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0
139	0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0
140	0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0
Hy - KP 141	0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0
142	0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0
143	0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0
152	0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0
153	0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0
154	0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0

Corrected By

Date Item Corrected

Comments

Community/Clearance
Streets, Roads, Alleys
Building Clearances
Ground Line Clearances
Tree Trimming
Street Light
Terminals
Arresters
Cutoouts
Switches
Transformer
RFI Check
UGuard/Conduit Cond
Conductor and Ties
Customer Equipment
Signs, Loc#, Warning
Guy Bond, Insulator
Down Guy's and Markers
Grounds intact, Moldining
Pole Steps
Soil Conditions
Insulators, DE, Pin
Crossarm Condition
Pole Condition/leaning

Trimmed much of
This line right
after This section

OVERHEAD DISTRIBUTION INSPECTION FORM

Date 2/14/01 Inspected by T. O. Lavorato Sub Ckt 24/4160

OVERHEAD DISTRIBUTION INSPECTION FORM

Date 2/15/01 Inspected by Yann Sub Ckt 24 / 4165

MAP AREA	STRUCTURE	EQUIPMENT	CLEARANCE	COMMENTS			
				LOCATION	Rating Criteria	Date Item Corrected	Corrected By
Skaro Brdg Lane	HY - KP.	171	0	171	0) Good Condition 1) Good Condition but aging 2) Non-critical Maintenance Required 3) Priority Maintenance Required 4) Urgent Maintenance Required		
		172	0	0	0		
		173	0	0	0		
		174	0	0	0		
		175	0	0	0		
		176	0	0	0		
		177	0	0	0		
		178	0	0	0		
		179	0	0	0		
		180	0	0	0		
		181	0	0	0		
		182	0	0	0		
		183	0	0	0		
		184	0	0	0		
		185	0	0	0		
		186	0	0	0		
		187	0	0	0		
		188	0	0	0		
		189	0	0	0		
		190	0	0	0		
		191	0	0	0		
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		253	0	0	0		
		254	0	0	0		
		255	0	0	0		
		256	0	0	0		
		257	0	0	0		
		258	0	0	0		
		259	0	0	0		
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		264	0	0	0		
		265	0	0	0		
		266	0	0	0		
		267	0	0	0		
		268	0	0	0		
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		271	0	0	0		
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		274	0	0	0		
		275	0	0	0		
		276	0	0	0		
		277	0	0	0		
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		282	0	0	0		
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		284	0	0	0		
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		287	0	0	0		
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		289	0	0	0		
		290	0	0	0		
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		294	0	0	0		
		295	0	0	0		
		296	0	0	0		
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		301	0	0	0		
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		303	0	0	0		
		304	0	0	0		
		305	0	0	0		
		306	0	0	0		
		307	0	0	0		
		308	0	0	0		
		309	0	0	0		
		310	0	0	0		
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		315	0	0	0		
		316	0	0	0		
		317	0	0	0		
		318	0	0	0		
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		334	0	0	0		
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		336	0	0	0		
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		338	0	0	0		
		339	0	0	0		
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		342	0	0	0		
		343	0	0	0		
		344	0	0	0		
		345	0	0	0		
		346	0	0	0		
		347	0	0	0		
		348	0	0	0		
		349	0	0	0		
		350	0	0	0		
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		352	0	0	0		
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		358	0	0	0		
		359	0	0	0		
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		363	0	0	0		
		364	0	0	0		
		365	0	0	0		
		366	0	0	0		
		367	0	0	0		
		368	0	0	0		
		369	0	0	0		
		370	0	0	0		
		371	0	0	0		
		372	0	0	0		
		373	0	0	0		
		374	0	0	0		
		375	0	0	0		
		376	0	0	0		
		377	0	0	0		
		378	0	0	0		
		379	0	0	0		
		380	0	0	0		
		381	0	0	0		
		382	0	0	0		
		383	0	0	0		
		384	0	0	0		
		385	0	0	0		
		386	0	0	0		
		387	0	0	0		
		388	0	0	0		
		389	0	0	0		
		390	0	0	0		
		391	0	0	0		
		392	0	0	0		
		393	0	0	0		
		394	0	0	0		
		395	0	0	0		
		396	0	0	0		
		397	0	0	0		
		398	0	0	0		
		399	0	0	0		
		400	0	0	0		
		401	0	0	0		
		402	0	0	0		
		403	0	0	0		
		404	0	0	0		
		405	0	0	0		
		406	0	0	0		
		407	0	0	0		
		408	0	0	0		
		409	0	0	0		
		410	0	0	0		
		411	0	0	0		
		412	0	0	0		
		413	0	0	0		
		414	0	0	0		
		415	0	0	0		
		416	0	0	0		
		417	0	0	0		
		418	0	0	0		
		419	0	0	0		
		420	0	0	0		
		421	0	0	0		
		422	0	0	0		
		423	0	0	0		
		424	0	0	0		
		425	0	0	0		
		426	0	0	0		
		427	0	0	0		
		428	0	0			

OVERHEAD DISTRIBUTION INSPECTION FORM

Date 2-15-01 Inspected by John G. Sub Ckt 24/160

MAP AREA	STRUCTURE	EQUIPMENT	CLEARANCE	COMMENTS				
				Rating Criteria				
Division 5 Bldg 1	LOCATION	Comments				Comments		
		0) Good Condition	1) Good Condition but aging	2) Non-critical Maintenance Required	3) Priority Maintenance Required	4) Urgent Maintenance Required	Date Item Corrected	
		0	0	0	0	0	Corrected By	
		0	0	0	0	0		
		0	0	0	0	0		
		0	0	0	0	0		
		0	0	0	0	0		
		0	0	0	0	0		
		0	0	0	0	0		
		0	0	0	0	0		
		0	0	0	0	0		
		0	0	0	0	0		
		0	0	0	0	0		
		0	0	0	0	0		
		0	0	0	0	0		
Comments								
Guardrail/Conduit/Cord								
Customer Equipment								
Signs, Loc#, Warning								
Guy Bond, Insulator								
Down Guy's and Markers								
Grounds Intact, Molding								
Pole Steps								
Soil Conditions								
Insulators, DE, Pin								
Division 8 193								
194								
195								
196								
197								
Division 199								
200								
201								
202								
203								

OVERHEAD DISTRIBUTION INSPECTION FORM

Date _____ Inspected by _____ Sub _____ Ckt _____

MAP AREA	STRUCTURE	EQUIPMENT	CLEARANCE	COMMENTS	Rating Criteria	Corrected By	
					0) Good Condition	Date Item Corrected	
Board Head St Emery Rd	LOCATION				1) Good Condition but aging		
Broadhead St & 204	205	0	0	0	2) Non-critical Maintenance Required		
	206	0	0	0	3) Priority Maintenance Required		
	207	0	0	0	4) Urgent Maintenance Required		
	208	0	0	0			
	209	0	0	0			
	210	0	0	0			
	211	0	0	0			
	212	0	0	0			
	213	0	0	0			
	214	0	0	0			
	215	0	0	0			
	216	0	0	0			
	217	0	0	0			
	218	0	0	0			
	219	0	0	0			

OVERHEAD DISTRIBUTION INSPECTION FORM

Date 2/14/12 Inspected by Troy Ward Sub Ckt 24/1100

MAP AREA	STRUCTURE	EQUIPMENT	CLEARANCE	COMMENTS	Rating Criteria			
					0) Good Condition	1) Good Condition but aging	2) Non-critical Maintenance Required	3) Priority Maintenance Required
Emily RD Reeve Rd	Pole 220	0	0	0	0	0	0	0
Emily RD Reeve Rd	Pole 221	0	0	0	0	0	0	0
Emily RD Reeve Rd	Pole 222	0	0	0	0	0	0	0
Emily RD Reeve Rd	Pole 223	0	0	0	0	0	0	0
Emily RD Reeve Rd	Pole 224	0	0	0	0	0	0	0
Emily RD Reeve Rd	Pole 225	0	0	0	0	0	0	0
Emily RD Reeve Rd	Pole 226	0	0	0	0	0	0	0
Emily RD Reeve Rd	Pole 227	0	0	0	0	0	0	0
Emily RD Reeve Rd	Pole 228	0	0	0	0	0	0	0
Emily RD Reeve Rd	Pole 229	0	0	0	0	0	0	0
Emily RD Reeve Rd	Pole 230	0	0	0	0	0	0	0
Date Item Corrected								
Corrected By								

OVERHEAD DISTRIBUTION INSPECTION FORM

MAP AREA	STRUCTURE	EQUIPMENT	CLEARANCE	COMMENTS	Rating Criteria			
					0) Good Condition	1) Good Condition but aging	2) Non-critical Maintenance Required	3) Priority Maintenance Required
Rail Road. 1					Communications Clearance	Streets, Roads, Alleys	Building Clearances	Ground Line Clearances
11 232	0 0 0 0 0	0 0 0 0 0	0 0 0 0 0	0 0 0 0 0	0 0 0 0 0	0 0 0 0 0	0 0 0 0 0	0 0 0 0 0
11 233	0 0 0 0 0	0 0 0 0 0	0 0 0 0 0	0 0 0 0 0	0 0 0 0 0	0 0 0 0 0	0 0 0 0 0	0 0 0 0 0
11 234	0 0 0 0 0	0 0 0 0 0	0 0 0 0 0	0 0 0 0 0	0 0 0 0 0	0 0 0 0 0	0 0 0 0 0	0 0 0 0 0
11 235	0 0 0 0 0	0 0 0 0 0	0 0 0 0 0	0 0 0 0 0	0 0 0 0 0	0 0 0 0 0	0 0 0 0 0	0 0 0 0 0
11 236	0 0 0 0 0	0 0 0 0 0	0 0 0 0 0	0 0 0 0 0	0 0 0 0 0	0 0 0 0 0	0 0 0 0 0	0 0 0 0 0
11 237	0 0 0 0 0	0 0 0 0 0	0 0 0 0 0	0 0 0 0 0	0 0 0 0 0	0 0 0 0 0	0 0 0 0 0	0 0 0 0 0
11 238	0 0 0 0 0	0 0 0 0 0	0 0 0 0 0	0 0 0 0 0	0 0 0 0 0	0 0 0 0 0	0 0 0 0 0	0 0 0 0 0
11 239	0 0 0 0 0	0 0 0 0 0	0 0 0 0 0	0 0 0 0 0	0 0 0 0 0	0 0 0 0 0	0 0 0 0 0	0 0 0 0 0
11 240	0 0 0 0 0	0 0 0 0 0	0 0 0 0 0	0 0 0 0 0	0 0 0 0 0	0 0 0 0 0	0 0 0 0 0	0 0 0 0 0
11 241	0 0 0 0 0	0 0 0 0 0	0 0 0 0 0	0 0 0 0 0	0 0 0 0 0	0 0 0 0 0	0 0 0 0 0	0 0 0 0 0
11 242	0 0 0 0 0	0 0 0 0 0	0 0 0 0 0	0 0 0 0 0	0 0 0 0 0	0 0 0 0 0	0 0 0 0 0	0 0 0 0 0
11 243	0 0 0 0 0	0 0 0 0 0	0 0 0 0 0	0 0 0 0 0	0 0 0 0 0	0 0 0 0 0	0 0 0 0 0	0 0 0 0 0
11 244	0 0 0 0 0	0 0 0 0 0	0 0 0 0 0	0 0 0 0 0	0 0 0 0 0	0 0 0 0 0	0 0 0 0 0	0 0 0 0 0
11 245	0 0 0 0 0	0 0 0 0 0	0 0 0 0 0	0 0 0 0 0	0 0 0 0 0	0 0 0 0 0	0 0 0 0 0	0 0 0 0 0
11 246	0 0 0 0 0	0 0 0 0 0	0 0 0 0 0	0 0 0 0 0	0 0 0 0 0	0 0 0 0 0	0 0 0 0 0	0 0 0 0 0
11 247	0 0 0 0 0	0 0 0 0 0	0 0 0 0 0	0 0 0 0 0	0 0 0 0 0	0 0 0 0 0	0 0 0 0 0	0 0 0 0 0

OVERHEAD DISTRIBUTION INSPECTION FORM

Date 2-12-01 Inspected by Smith

MAP AREA	LOCATION	STRUCTURE	EQUIPMENT	CLEARANCE	COMMENTS	Rating Criteria			
						1) Good Condition	2) Non-critical Maintenance Required	3) Priority Maintenance Required	4) Urgent Maintenance Required
Ref 1 Block 5	246	Pole Condition/Leaning				0	0	0	0
Exchage	244					0	0	0	0
	250					0	0	0	0
	251	Crossarm Condition				0	0	0	0
	252	Insulators, D.E., Pin				0	0	0	0
	253	Soil Conditions				0	0	0	0
	465	Pole Steps				0	0	0	0
	466	Guy Bonds, Insulator				0	0	0	0
	467	Signs, Loc#, Warning				0	0	0	0
	468	Customer Equipment				0	0	0	0
	469	Transformer				0	0	0	0
	470	Ameters				0	0	0	0
	471	Switches				0	0	0	0
	472	Tree Trimming				0	0	0	0
	473	Street Light				0	0	0	0
	474	Ground Line Clearances				0	0	0	0
	475	Building Clearances				0	0	0	0
	476	Streets, Roads, Alleys				0	0	0	0
	477	Communication Clearance				0	0	0	0
	478	Date Item Corrected							
	479	Corrected By							

OVERHEAD DISTRIBUTION INSPECTION FORM

Date 2-19-01

Inspected by John Sub Ckt 7280

MAP AREA	STRUCTURE	EQUIPMENT	CLEARANCE	COMMENTS	Rating Criteria			
					0) Good Condition	1) Good Condition but aging	2) Non-critical Maintenance Required	3) Priority Maintenance Required
Exchage St					0	0	0	0
11	130	0	0	0	0	0	0	0
11	20	0	0	0	0	0	0	0
11	231	0	0	0	0	0	0	0
11	232	0	0	0	0	0	0	0
11	233	0	0	0	0	0	0	0
Crockers	30	0	0	0	0	0	0	0
11	31	0	0	0	0	0	0	0
11	32	0	0	0	0	0	0	0
11	33	0	0	0	0	0	0	0
11	34	0	0	0	0	0	0	0
11	35	0	0	0	0	0	0	0
11	36	0	0	0	0	0	0	0
Division	37	0	0	0	0	0	0	0
11	38	0	0	0	0	0	0	0
11	39	0	0	0	0	0	0	0
11	40	0	0	0	0	0	0	0

Corrected By

Date Item Corrected

OVERHEAD DISTRIBUTION INSPECTION FORM

Date 2-19-01 Inspected by J. L. Hickey Sub _____ Ckt 7300

MAP AREA	STRUCTURE	EQUIPMENT	CLEARANCE	COMMENTS	Rating Criteria			
					0) Good Condition	1) Good Condition but aging	2) Non-critical Maintenance Required	3) Priority Maintenance Required
11	42	0	0	Pole Condition Measuring	0	0	0	0
Cookes Cr	43	0	0	Crossarm Condition	0	0	0	0
11	44	0	0	Insulators, DE, Pin	0	0	0	0
	45	0	0	Soil Conditions	0	0	0	0
	46	0	0	Pole Steps	0	0	0	0
	47	0	0	Grounds Intact, Molding	0	0	0	0
	48	0	0	Guy Bond, Insulator	0	0	0	0
	49	0	0	Signs, Loc#, Warning	0	0	0	0
	50	0	0	Customer Equipment	0	0	0	0
	51	0	0	U-Guard/Conduit Ties	0	0	0	0
	52	0	0	RFI Check	0	0	0	0
	53	0	0	Transformer	0	0	0	0
	54	0	0	Cutoouts	0	0	0	0
	55	0	0	Arresters	0	0	0	0
	56	0	0	Terminators	0	0	0	0
	57	0	0	Street Light	0	0	0	0
	58	0	0	Tree Trimming	0	0	0	0
	59	0	0	Ground Line Clearances	0	0	0	0
	60	0	0	Building Line Clearances	0	0	0	0
	61	0	0	Streets, Roads, Alleys	0	0	0	0
	62	0	0	Communication Clearance	0	0	0	0
	63	0	0	Corrected By	0	0	0	0
	64	0	0	Date Item Corrected	0	0	0	0

OVERHEAD DISTRIBUTION INSPECTION FORM

Date 2/13/01 Inspected by Troy Womble Sub Ckt 7200

MAP AREA	LOCATION	STRUCTURE		EQUIPMENT	CLEARANCE	COMMENTS	Rating Criteria	Corrected By
		POLE CONDITION	LEAD					
HANR	86	0	0	Pole Condition/Leading			0) Good Condition 1) Good Condition but aging 2) Non-critical Maintenance Required 3) Priority Maintenance Required 4) Urgent Maintenance Required	
HANR	87	0	0					
HANR	88	0	0					
HANR	89	0	0					
HANR	90	0	0					
HANR	91	0	0					
HANR	92	0	0					
HANR	93	0	0					
HANR	94	0	0					
HANR	95	0	0					
HANR	96	0	0					
HANR	97	0	0					
HANR	98	0	0					

ANNUAL SUBSTATION INSPECTION FORM

Date 3-14-01 Inspected by John Young Substation C-Hudson #4

ANNUAL SUBSTATION INSPECTION FORM

Date 3-14-01 Inspected by John Drieger Substation W. S. F. B. & T.

ANNUAL SUBSTATION INSPECTION FORM

Date 3-14-01 Inspected by John Swain Substation C-Hudson St

SUBSTATION INSPECTION CRITERIA		COMMENTS	MAINTENANCE COMPLETED	
EQUIPMENT LISTING				
Transformer	○	Check equipment for level		
LTC or regulators	○	○	Check condition of concrete pads	
High Voltage Breaker	○	○	○	Perform oil and DGA analysis
Feeder CBs / Reclosers	○	○	○	Battery checks - Intercell strap resistance, Individual cell voltages, Cell specific gravity
				Nameplate legible
				Equipment paint condition
				Proper identification labels
				IR / RFI scans and checks
				Rating Criteria 0) Good Condition 1) Good Condition but aging 2) Non-critical Maintenance Required 3) Priority Maintenance Required 4) Urgent Maintenance Required
				Date Item Corrected
				Corrected By
Switches	○	○	○	
Control house battery				
Transmission line RFI	○			

ANNUAL SUBSTATION INSPECTION FORM

Date 3-14-01 Inspected by John Driggs Substation W Substation B P.T.

SUBSTATION INSPECTION CRITERIA										COMMENTS	MAINTENANCE COMPLETED
EQUIPMENT LISTING											
Transformer	0	0	0	0	0	0	0	0	0	Check equipment for level	
LTC or regulators	0	0	0	0	0	0	0	0	0	Check condition of concrete pads	
High Voltage Breaker	0	0	0	0	0	0	0	0	0	Perform oil and DGA analysis	
Feeder CBs / Reclosers	0	0	0	0	0	0	0	0	0	Battery checks - Intercell strap resistance, Individual cell voltages, Cell specific gravity	
Switches	0	0	0	0	0	0	0	0	0	Nameplate legible	
Control house battery	0	0	0	0	0	0	0	0	0	Equipment paint condition	
Transmission line RFI	0	0	0	0	0	0	0	0	0	Proper identification labels	
										IR / RFI scans and checks	
										Rating Criteria	
										0) Good Condition	
										1) Good Condition but aging	
										2) Non-critical Maintenance Required	
										3) Priority Maintenance Required	
										4) Urgent Maintenance Required	
										Date Item Corrected	
										Corrected By	

MONTHLY SUBSTATION INSPECTION FORM

INSPECTED BY: John + Mark

DATE: 10-5-01

SUBSTATION: Mazu West

HIGH VOLTAGE CIRCUIT BREAKER /
CIRCUIT SWITCHER

RATING: 0 1 2 3 4 (Circle One)

inspected		COMMENTS	DATE CORRECTED	CORRECTED BY
OPEN/CLOSED Indicator	X			
CHARGED/DISCHARGED Indicator	X			
Cabinet Light	/			
Cabinet Heater	/			
Operations Counter	X			
Bushings and Supports	X			
Line and Load Side Disconnect Switches	X			
Handles Grounded	X			
Emergency Trip Button	/			
Air Compressors - Air / Oil	X			
Air Pressure Gauge - Air / Oil	X			
Spring Operated Mechanism	X			
Oil Level Gauge	X			
Tank Oil Leaks	X			
Reset Switch	X			
Cabinet Contamination	X			
Vents Clean	X			
Gas Pressures for GCBs	X			

MONTHLY SUBSTATION INSPECTION FORM

INSPECTED BY: John + mark

DATE: 10-5-01

SUBSTATION: Mayo West

FEEDER CIRCUIT BREAKER / RECLOSER

RATING: 0 1 2 3 4 **(Circle One)**

MONTHLY SUBSTATION INSPECTION FORM

INSPECTED BY: John + Mark

DATE: 10-5-01

SUBSTATION: Mazo West

CONTROL HOUSE/MISCELLANEOUS

RATING: 0 1 2 3 4

(Circle One)

inspected	X	COMMENTS	DATE CORRECTED	CORRECTED BY
Clock Displays Proper Time				
AC/DC Load Center Breakers	X			
Room Temperature				
Rodents				
Panels Labeled Properly		N/A		
Panel Lights				
Annunciator Panel				
Panel Meters				
SCADA System RTU				
SCADA Alarms				
Position Indicators Agree				
Relay Target Information				
Emergency Contact Directory & Dialtone for Phone				
Safety Equipment				

BATTERY

RATING: 0 1 2 3 4

(Circle One)

Liquid Levels	X			
Proper Float Voltage on Charger & Battery	X			
Specific Gravity in Pilot Cell		N/A		
Personal Protective Equipment				
Connection Corrosion				
Leaking Cells				
Dated Solution in Eyewash Station				

YARD & FENCE

RATING: 0 1 2 3 4

(Circle One)

Fire Extinguisher Charged	X	N/A		
Fence Ground Connections	X			
Fence Secured	X			
Security and Emergency Lights	X			
Site Base and Grade	X	Weeds all over		
Standing Water	X			
Warning Signs	X			

MONTHLY SUBSTATION INSPECTION FORM

INSPECTED BY: John & Mark

DATE: 10-5-01

SUBSTATION: Mayo West

TRANSFORMER MAIN TANK

RATING: 0 1 2 3 4

(Circle One)

inspected	X	COMMENTS	DATE CORRECTED	CORRECTED BY
Oil in Bushings	X			
Bushing and Arrestor	X			
Oil Leaks	X			
Main Tank	X			
Sample Valves	X			
Radiators	X			
Radiator Bank	X			
Tank Pressure	X			
Tank Oil Level	X			
Temperature Gauge	X			
Cooling Fans	—			

TRANSFORMER LTC or VOLTAGE REGULATORS

RATING: 0 1 2 3 4

(Circle One)

Tank Oil Level	X			
Drag Hand Positions	X			
Cabinet Light	X			
Operation Count	X			
Tank Pressure	X			
Cabinet Heater	—			
Cabinet Contamination	X			

MONTHLY SUBSTATION INSPECTION FORM

INSPECTED BY: Rick + Mark

DATE: 1/15/02

SUBSTATION: Mayo West

FEEDER CIRCUIT BREAKER / RECLOSER

RATING: (0)

1

3

(Circle One)

MONTHLY SUBSTATION INSPECTION FORM

INSPECTED BY: Rick & Mark

DATE: 1/15/02

SUBSTATION: Mayo West

HIGH & LOW VOLTAGE BUSS WORK

RATING: 0 1 2 3 4 (Circle One)

inspected		COMMENTS	DATE CORRECTED	CORRECTED BY
Bushing; Insulator, Arrestor, and Supports	X			
Bird Nests	X	None		
Transformer Bushings	X			
Cable Terminators	X			

MANUAL SWITCHES

RATING: 0 1 2 3 4 (Circle One)

Properly Labeled	?	Not Good		
Ground Connections	X			
Positioning and Alignment	X			
Bushings and Supports	X			

MOTOR OPERATED SWITCHES

RATING: 0 1 2 3 4 (Circle One)

OPEN/CLOSED Indicator	X			
Proper Labeling	X			
Cabinet Heater	X	N/A		
Operations Counter	X			
locking criteria	X			

MONTHLY SUBSTATION INSPECTION FORM

INSPECTED BY: R:ck + Mark

DATE: 1/15/02

SUBSTATION: Maze Lites+

CONTROL HOUSE/MISCELLANEOUS

RATING: 0 1 2 3 4 (Circle One)

inspected	X	COMMENTS	DATE CORRECTED	CORRECTED BY
Clock Displays Proper Time				
AC/DC Load Center Breakers				
Room Temperature				
Rodents		N/A		
Panels Labeled Properly				
Panel Lights				
Annunciator Panel				
Panel Meters				
SCADA System RTU				
SCADA Alarms				
Position Indicators Agree				
Relay Target Information				
Emergency Contact Directory &				
Dialtone for Phone				
Safety Equipment				

BATTERY

RATING: 0 1 2 3 4 (Circle One)

Liquid Levels				
Proper Float Voltage on Charger & Batteries				
Specific Gravity in Pilot Cell				
Personal Protective Equipment		N/A		
Connection Corrosion				
Leaking Cells				
Dated Solution in Eyewash Station				

YARD & FENCE

RATING: 0 1 2 3 4 (Circle One)

Fire Extinguisher Charged		Don't Have		
Fence Ground Connections	X			
Fence Secured	X			
Security and Emergency Lights	X			
Site Base and Grade	X			
Standing Water	X			
Warning Signs	X			

X Substation - Annual Inspection Guide

- Check equipment for level
- Check condition of concrete pads
- Perform oil and DGA analysis
- Battery
 - ✓ Intercell strap resistance
 - ✓ Individual cell voltages
 - ✓ Cell specific gravity
- Nameplate legible
- Equipment paint condition
- Proper equipment ID labels
- IR / RFI scans and checks

ANNUAL SUBSTATION INSPECTION FORM

Date 1/15/02 Inspected by Rick & Mark Substation Mazco West

SUBSTATION INSPECTION CRITERIA		COMMENTS		Maintenance Completed
EQUIPMENT LISTING				
Transformer	O	Check equipment for level		
LTC or regulators	O	Check condition of concrete pads		
High Voltage Breaker	O	Perform oil and DGA analysis		
Feeder CBs / Reclosers	O	Battery checks - Intercell strap resistance, Individual cell voltages, Cell specific gravity		
	O	Nameplate legible		
	O	Equipment paint condition		
	O	Proper identification labels		
	O	IR / RFI scans and checks		
Switches	O			
	O			
	O			
	O			
	O			
Control house battery	N/A		Date Item Corrected	
Transmission line RFI	N/A		Corrected By	

MONTHLY SUBSTATION INSPECTION FORM

INSPECTED BY: R: ck + Mark

DATE: 1/15/01

SUBSTATION: Mayo West

TRANSFORMER MAIN TANK

RATING: 1 2 3 4

(Circle One)

	inspected	X	COMMENTS	DATE CORRECTED	CORRECTED BY
Oil in Bushings		X			
Bushing and Arrestor		X			
Oil Leaks		X	No		
Main Tank		X	No		
Sample Valves		X			
Radiators		X			
Radiator Bank					
Tank Pressure		X	1 up		
Tank Oil Level		X	25%		
Temperature Gauge		X	70°		
Cooling Fans			N/A		

TRANSFORMER LTC or VOLTAGE REGULATORS

B φ

RATING: 1 A φ

2 3 4

(Circle One)

Tank Oil Level	X	X 3/4	C φ
Drag Hand Positions		16 Boost 7 Buck (Reset) 2 Boost 7 Buck	16w
Cabinet Light			2 Boost 7 Buck
Operation Count			
Tank Pressure			
Cabinet Heater			
Cabinet Contamination	X	X	X

IX SUBSTATION - MONTHLY INSPECTION GUIDE (con't)

CONTROL HOUSE/MISCELLANEOUS:

- Clock displays proper time
- AC/DC load center breakers
- Room temperature
- Rodents
- Panels labeled properly
- Panel lights
- Annunciator panel
- Panel meters
- SCADA system RTU
- SCADA alarms
- Position indicators agree
- Relay target information
- Emergency contact directory & dial tone for phone
- Safety Equipment

BATTERY:

- Liquid levels
- Proper float voltage on charger and battery
- Specific gravity in pilot cell
- Personal Protective Equipment
- Connection corrosion
- Leaking cells
- Dated solution in eyewash station

YARD AND FENCE:

- Fire extinguisher charged
- Fence ground connections
- Fence secured
- Security and emergency lights
- Site base and grade
- Standing water
- Warning signs

MONTHLY SUBSTATION INSPECTION FORM

INSPECTED BY: Rick & Mark

DATE: 6/14/02

SUBSTATION: Maze West

MONTHLY SUBSTATION INSPECTION FORM

INSPECTED BY: Rick & Mark

=

DATE: 6/14/02

SUBSTATION: Mayo West

HIGH & LOW VOLTAGE BUSS WORK

RATING: 0 1 2 3 4 (Circle One)

inspected	X	COMMENTS	DATE CORRECTED	CORRECTED BY
Bushing; Insulator, Arrestor, and Supports	X			
Bird Nests	X			
Transformer Bushings	X			
Cable Terminators	X			

MANUAL SWITCHES

RATING: 0 1 2 3 4 (Circle One)

Properly Labeled	X			
Ground Connections	X			
Positioning and Alignment	X			
Bushings and Supports	X			

MOTOR OPERATED SWITCHES

RATING: 0 1 2 3 4 (Circle One)

OPEN/CLOSED Indicator	X			
Proper Labeling	X			
Cabinet Heater	—			
Operations Counter	X			
locking criteria	X			

MONTHLY SUBSTATION INSPECTION FORM

INSPECTED BY: Rick & Mark

DATE: 6/14/02

SUBSTATION: Mayo West

CONTROL HOUSE/MISCELLANEOUS

RATING: 0 1 2 3 4

(Circle One)

inspected	X	COMMENTS	DATE CORRECTED	CORRECTED BY
Clock Displays Proper Time				
AC/DC Load Center Breakers				
Room Temperature				
Rodents				
Panels Labeled Properly				
Panel Lights				
Annunciator Panel				
Panel Meters				
SCADA System RTU				
SCADA Alarms				
Position Indicators Agree				
Relay Target Information				
Emergency Contact Directory				
Dialtone for Phone				
Safety Equipment				

BATTERY

RATING: 0 1 2 3 4

(Circle One)

Liquid Levels				
Proper Float Voltage on Charger & Battery				
Specific Gravity in Pilot Cell				
Personal Protective Equipment				
Connection Corrosion				
Leaking Cells				
Dated Solution in Eyewash Station				

YARD & FENCE

RATING: 0 1 2 3 4

(Circle One)

Fire Extinguisher Charged				
Fence Ground Connections	X			
Fence Secured	X			
Security and Emergency Lights	X			
Site Base and Grade	X	Weeds growing		
Standing Water	X			
Warning Signs	X			

X Substation - Annual Inspection Guide

- Check equipment for level
- Check condition of concrete pads
- Perform oil and DGA analysis
- Battery
 - ✓ Intercell strap resistance
 - ✓ Individual cell voltages
 - ✓ Cell specific gravity
- Nameplate legible
- Equipment paint condition
- Proper equipment ID labels
- IR / RFI scans and checks

ANNUAL SUBSTATION INSPECTION FORM

Date _____ Inspected by _____ Substation _____

SUBSTATION INSPECTION CRITERIA		COMMENTS	Maintenance Completed
EQUIPMENT LISTING			
		Check equipment for level	
		Check condition of concrete pads	
		Perform oil and DGA analysis	
		Battery checks - Intercell strap resistance, Individual cell voltages, Cell specific gravity	
		Nameplate legible	
		Equipment paint condition	
		Proper identification labels	
		IR / RFI scans and checks	
		Rating Criteria	
		0) Good Condition	
		1) Good Condition but aging	
		2) Non-critical Maintenance Required	
		3) Priority Maintenance Required	
		4) Urgent Maintenance Required	
		Date Item Corrected	
		Corrected By	
Transformer			
LTC or regulators			
High Voltage Breaker			
Feeder CBs / Reclosers			
Switches			
Control house battery			
Transmission line RFI			

MONTHLY SUBSTATION INSPECTION FORM

INSPECTED BY: Rick & Mark

DATE: 10/14/02

SUBSTATION: Mayo West

TRANSFORMER MAIN TANK

RATING: 0 1 2 3 4

(Circle One)

inspected	X	COMMENTS	DATE CORRECTED	CORRECTED BY
Oil in Bushings	X			
Bushing and Arrestor	X			
Oil Leaks	X	none		
Main Tank	X			
Sample Valves	X			
Radiators	X			
Radiator Bank	X			
Tank Pressure	X			
Tank Oil Level	X	25%		
Temperature Gauge	X	60°		
Cooling Fans		none		

TRANSFORMER LTC or VOLTAGE REGULATORS

RATING: 0 1 2 3 4

(Circle One)

Tank Oil Level	X	OK		
Drog Hand Positions		(7,2)(7,2)(7,2)		
Cabinet Light		none		
Oeration Count	X	000		
Tank Pressure	X			
Cabinet Heater				
Cabinet Contamination	X			

IX SUBSTATION - MONTHLY INSPECTION GUIDE (con't)

CONTROL HOUSE/MISCELLANEOUS:

- Clock displays proper time
- AC/DC load center breakers
- Room temperature
- Rodents
- Panels labeled properly
- Panel lights
- Annunciator panel
- Panel meters
- SCADA system RTU
- SCADA alarms
- Position indicators agree
- Relay target information
- Emergency contact directory & dial tone for phone
- Safety Equipment

=

BATTERY:

- Liquid levels
- Proper float voltage on charger and battery
- Specific gravity in pilot cell
- Personal Protective Equipment
- Connection corrosion
- Leaking cells
- Dated solution in eyewash station

YARD AND FENCE:

- Fire extinguisher charged
- Fence ground connections
- Fence secured
- Security and emergency lights
- Site base and grade
- Standing water
- Warning signs

MONTHLY SUBSTATION INSPECTION FORM

INSPECTED BY: Rick & Mark

DATE: 10/14/02

SUBSTATION: Mayo West

FEEDER CIRCUIT BREAKER / RECLOSER

RATING: 0 1 2 3 4 (Circle One)

MONTHLY SUBSTATION INSPECTION FORM

INSPECTED BY: Rick & Mark

=

DATE: 6/14/02

SUBSTATION: Mayo West

HIGH & LOW VOLTAGE BUSS WORK

RATING: 0 1 2 3 4 (Circle One)

inspected	X	COMMENTS	DATE CORRECTED	CORRECTED BY
Bushing, Insulator, Arrestor, and Supports	X			
Bird Nests	X			
Transformer Bushings	X			
Cable Terminators	X			

MANUAL SWITCHES

RATING: 0 1 2 3 4 (Circle One)

Properly Labeled	X			
Ground Connections	X			
Positioning and Alignment	X			
Bushings and Supports	X			

MOTOR OPERATED SWITCHES

RATING: 0 1 2 3 4 (Circle One)

OPEN/CLOSED Indicator	X			
Proper Labeling	X			
Cabinet Heater	—			
Operations Counter	X			
locking criteria	X			

MONTHLY SUBSTATION INSPECTION FORM

INSPECTED BY: R: CLK & MARK

DATE: 6/14/02

SUBSTATION: maze west

CONTROL HOUSE/MISCELLANEOUS

RATING: 0 1 2 3 4

(Circle One)

inspected	X	COMMENTS	DATE CORRECTED	CORRECTED BY
Clock Displays Proper Time	X			
AC/DC Load Center Breakers				
Room Temperature				
Rodents				
Panels Labeled Properly				
Panel Lights				
Announcer Panel				
Panel Meters				
SCADA System RTU				
SCADA Alarms				
Position Indicators Agree				
Relay Target Information				
Emergency Contact Directory &				
Diagrams for Phone				
Safety Equipment				

BATTERY

RATING: 0 1 2 3 4

(Circle One)

Liquid Levels	1			
Proper Float Voltage on Charger & Battery	1			
Specific Gravity in Pilot Cell	1			
Personal Protective Equipment	1			
Connection Corrosion	1			
Leaking Cells	1			
Dated Solution in Eyewash Station	1			

YARD & FENCE

RATING: 0 1 2 3 4

(Circle One)

Fire Extinguisher Charged	1			
Fence Ground Connections	X			
Fence Secured	X			
Security and Emergency Lights	X			
Site Base and Grade	X	Weeds growing		
Standing Water	X			
Warning Signs	X			

X Substation - Annual Inspection Guide

- Check equipment for level
- Check condition of concrete pads
- Perform oil and DGA analysis
- Battery
 - ✓ Intercell strap resistance
 - ✓ Individual cell voltages
 - ✓ Cell specific gravity
- Nameplate legible
- Equipment paint condition
- Proper equipment ID labels
- IR / RFI scans and checks

ANNUAL SUBSTATION INSPECTION FORM

10

Inspected by

Substation

SUBSTATION INSPECTION CRITERIA		COMMENTS	MAINTENANCE COMPLETED
EQUIPMENT LISTING	11		
Transformer		Check equipment for level	
LTC or regulators		Check condition of concrete pads	
High Voltage Breaker		Perform oil and DGA analysis	
Feeder CBs / Reclosers		Battery checks - Intercell strap resistance, Individual cell voltages, Cell specific gravity	
Switches		Nameplate legible	
Control house battery		Equipment paint condition	
Transmission line RFI		Proper identification labels	
		IR / RFI scans and checks	
		Rating Criteria 0) Good Condition 1) Good Condition but aging 2) Non-critical Maintenance Required 3) Priority Maintenance Required 4) Urgent Maintenance Required	
		Date Item Corrected	
		Corrected By	

MONTHLY SUBSTATION INSPECTION FORM

INSPECTED BY: Rick & Mark

DATE: 10/14/02

SUBSTATION: Mayo West

IX SUBSTATION - MONTHLY INSPECTION GUIDE (con't)

CONTROL HOUSE/MISCELLANEOUS:

- Clock displays proper time
- AC/DC load center breakers
- Room temperature
- Rodents
- Panels labeled properly
- Panel lights
- Annunciator panel
- Panel meters
- SCADA system RTU
- SCADA alarms
- Position indicators agree
- Relay target information
- Emergency contact directory & dial tone for phone
- Safety Equipment

=

BATTERY:

- Liquid levels
- Proper float voltage on charger and battery
- Specific gravity in pilot cell
- Personal Protective Equipment
- Connection corrosion
- Leaking cells
- Dated solution in eyewash station

YARD AND FENCE:

- Fire extinguisher charged
- Fence ground connections
- Fence secured
- Security and emergency lights
- Site base and grade
- Standing water
- Warning signs

MONTHLY SUBSTATION INSPECTION FORM

INSPECTED BY: Rick & Mark

DATE: 8/22/02

SUBSTATION: Maze West Sub

**FEEDER CIRCUIT BREAKER /
RECLOSER**

RATING: 0 1 2 3 4

(Circle One)

MONTHLY SUBSTATION INSPECTION FORM

INSPECTED BY: Rick + Mark

DATE: 8/22/02

SUBSTATION: Mayo West

HIGH & LOW VOLTAGE BUSS WORK

RATING: 0 1 2 3 4 (Circle One)

Inspected	X	Comments	Date Corrected	Corrected By
Bushing, Insulator, Arrestor, and Supports	X			
Bird Nests	X			
Transformer Bushings	X			
Cable Terminators	X			

MANUAL SWITCHES

RATING: 0 1 2 3 4 (Circle One)

Properly Labeled	X			
Ground Connections	X			
Positioning and Alignment	X			
Bushings and Supports	X			

MOTOR OPERATED SWITCHES

RATING: 0 1 2 3 4 (Circle One)

OPEN/CLOSED Indicator				
Proper Labeling				
Cabinet Heater				
Operations Counter				
locking criteria				

MONTHLY SUBSTATION INSPECTION FORM

INSPECTED BY: Rick + Mark

DATE: 8/22/02

SUBSTATION: Mary West

TRANSFORMER MAIN TANK

RATING: (0) 1 2 3 4

(Circle One)

inspected	X	COMMENTS	DATE CORRECTED	CORRECTED BY
Oil in Bushings	X			
Bushing and Arrestor	X			
Oil Leaks	X			
Main Tank	X			
Sample Valves	X			
Radiators	X			
Radiator Bank	X			
Tank Pressure	X			
Tank Oil Level	X			
Temperature Gauge	X			
Cooling Fans		None		

TRANSFORMER LTC or VOLTAGE REGULATORS

RATING: (0) 1 2 3 4

(Circle One)

Tank Oil Level	X			
Drac Hand Positions	X			
Cabinet Light		None		
Oceration Count	X			
Tank Pressure	X			
Cabinet Heater		None		
Cabinet Contamination	X			

MONTHLY SUBSTATION INSPECTION FORM

INSPECTED BY: RICK & MARK

DATE: 8/22/02

SUBSTATION: MG20 West

CONTROL HOUSE/MISCELLANEOUS

RATING: 0 1 2 3 4

(Circle One)

inspected	X	COMMENTS	DATE CORRECTED	CORRECTED BY
Clock Displays Proper Time				
AC/DC Load Center Breakers				
Room Temperature				
Rodents				
Panels Labeled Properly				
Panel Lights				
Annunciator Panel				
Panel Meters				
SCADA System RTU				
SCADA Alarms				
Position Indicators Agree				
Relay Target Information				
Emergency Contact Directory				
Calltone for Phone				
Safety Equipment				

BATTERY

RATING: 0 1 2 3 4

(Circle One)

Liquid Levels				
Proper Float Voltage on Charger				
Battery				
Specific Gravity in Plate Cell				
Personal Protective Equipment				
Connection Corrosion				
Leaking Cells				
Dated Solution in Eyewash Station				

YARD & FENCE

RATING: 0 (1) 2 3 4

(Circle One)

Fire Extinguisher Charged		None		
Fence Ground Connections	X			
Fence Secured	X			
Security and Emergency Lights	X			
Site Base and Grade	X	Just Spangled for weeds		
Standing Water	X			
Warning Signs	X			

ANNUAL SUBSTATION INSPECTION FORM

EQUIPMENT LISTING	SUBSTATION INSPECTION CRITERIA	COMMENTS	MAINTENANCE COMPLETED	Corrected By	
				Date Item Corrected	
Transformer	Rating Criteria	IR / RFI scans and checks			
LTC or regulators	Battery checks - Inter-cell strand resistances, individual cell voltages.				
High Voltage Breaker	Cell specific gravity				
Feeder CBs / Reclosers	Perform oil and DGA analysis				
Switches	Check condition of concrete pads				
Control house battery	Check equipment for level				
Transmission line RFI	Perform oil and DGA analysis				

MONTHLY SUBSTATION INSPECTION FORM

INSPECTED BY: Rick & Mark

DATE: 8/22/02

SUBSTATION: Maze West Sub

FEEDER CIRCUIT BREAKER / RECLOSER

RATING: 0 1 2 3 4

(Circle One)

MONTHLY SUBSTATION INSPECTION FORM

INSPECTED BY: Rick + mark
 DATE: 8/22/02
 SUBSTATION: Mazo West

HIGH & LOW VOLTAGE BUSS WORK

RATING: 0 1 2 3 4 (Circle One)

Inspected	Comments	Date Corrected	Corrected By
Bushing, Insulator, Arrestor, and Supports	X		
Bird Nests	X		
Transformer Bushings	X		
Cable Terminators	X		

MANUAL SWITCHES

RATING: 0 1 2 3 4 (Circle One)

Properly Labeled	X		
Ground Connections	X		
Positioning and Alignment	X		
Bushings and Supports	X		

MOTOR OPERATED SWITCHES

RATING: 0 1 2 3 4 (Circle One)

OPEN/CLOSED Indicator			
Proper Labeling			
Cabinet Heater			
Operations Counter			
Locking Criteria			

MONTHLY SUBSTATION INSPECTION FORM

INSPECTED BY: Rick & Mark

DATE: 8/22/02

SUBSTATION: Mazs, West

MONTHLY SUBSTATION INSPECTION FORM

INSPECTED BY: Rick + Mark

DATE: 8/22/02

SUBSTATION: MG20 West

CONTROL HOUSE/MISCELLANEOUS

RATING: 0 1 2 3 4

(Circle One)

	inspected	X	COMMENTS	DATE CORRECTED	CORRECTED BY
Clock Displays Proper Time					
AC/DC Load Center Breakers					
Room Temperature-					
Rodents					
Panels Labeled Properly					
Panel Lights					
Annunciator Panel					
Panel Meters					
SCADA System RTU					
SCADA Alarms					
Position Indicators Agree					
Relay Target Information					
Emergency Contact Directory 3					
Dialtone for Phone					
Safety Equipment					

BATTERY

RATING: 0 1 2 3 4

(Circle One)

Liquid Levels					
Proper Float Voltage on Charger 3					
Battery					
Specific Gravity in Pilot Cell					
Personal Protective Equipment					
Connection Corrosion					
Leaking Cells					
Dated Solution in Eyewash Station					

YARD & FENCE

RATING: 0 1 2 3 4

(Circle One)

Fire Extinguisher Charged	-	none			
Fence Ground Connections	X				
Fence Secured	X				
Security and Emergency Lights	X				
Site Base and Grade	X	Just sprayed for weeds			
Standing Water	X				
Warning Signs	X				

ANNUAL SUBSTATION INSPECTION FORM

EQUIPMENT LISTING	SUBSTATION INSPECTION CRITERIA	COMMENTS	MAINTENANCE COMPLETED	
			Date Item Corrected	Corrected By
Transformer	Nameplate legible			
LTC or regulators	Perform oil and DGA analysis			
High Voltage Breaker	Check condition of concrete pads			
Feeder CBs / Reclosers	Check equipment for level			
Switches				
Control house battery				
Transmission line RFI				

MONTHLY SUBSTATION INSPECTION FORM

INSPECTED BY: Rick + Mark

DATE: 9/25/02

SUBSTATION: Mayo West

HIGH & LOW VOLTAGE BUSS WORK RATING: 0 1 2 3 4 (Circle One)

Inspected		Comments	Date Corrected	Corrected By
Bushing, Insulator, Arrestor, and Supports	X			
Bird Nests	X			
Transformer Bushings	X			
Cable Terminators	X			

MANUAL SWITCHES RATING: 0 1 2 3 4 (Circle One)

Properly Labeled	X		
Ground Connections	X		
Positioning and Alignment	X		
Bushings and Supports	X		

MOTOR OPERATED SWITCHES RATING: 0 1 2 3 4 (Circle One)

OPEN/CLOSED Indicator			
Proper Labeling			
Cabinet Heater		N/A	
Operations Counter			
locking criteria			

MONTHLY SUBSTATION INSPECTION FORM

INSPECTED BY: Rick & mark

DATE: 9/25/02

SUBSTATION: Mayo West

FEEDER CIRCUIT BREAKER / RECLOSER

RATING: (0) 1 2 3 4

(Circle One)

MONTHLY SUBSTATION INSPECTION FORM

INSPECTED BY: Rick

DATE: 9/25/02

SUBSTATION: Mayo West

CONTROL HOUSE/MISCELLANEOUS		RATING: 0 1 2 3 4	(Circle One)	
inspected	X	COMMENTS	DATE CORRECTED	CORRECTED BY
Clock Displays Proper Time				
AC/DC Load Center Breakers				
Room Temperature				
Rodents				
Panels Labeled Properly		N/A		
Panel Lights				
Annunciator Panel				
Panel Meters				
SCADA System RTU				
SCADA Alarms				
Position Indicators Agree				
Relay Target Information				
Emergency Contact Directory				
Dialogue for Phone				
Safety Equipment				
BATTERY		RATING: 0 1 2 3 4	(Circle One)	
Liquid Levels				
Proper Float Voltage on Charger				
Battery				
Specific Gravity in Pilot Cell				
Personal Protective Equipment		N/A		
Connection Corrosion				
Leaking Cells				
Dated Solution in Eyewash Station				
YARD & FENCE		RATING: 0 1 2 3 4	(Circle One)	
Fire Extinguisher Charged	none			
Fence Ground Connections	X			
Fence Secured	X			
Security and Emergency Lights	X			
Site Base and Grade	X			
Standing Water	X			
Warning Signs	X			

MONTHLY SUBSTATION INSPECTION FORM

INSPECTED BY: Rick & Mark

DATE: 9/25/02

SUBSTATION: Mayo West

TRANSFORMER MAIN TANK

RATING: 1 2 3 4

(Circle One)

inspected	X	COMMENTS	DATE CORRECTED	CORRECTED BY
Oil in Bushings	X			
Bushing and Arrestor	X			
Oil Leaks	X			
Main Tank	X			
Sample Valves	X			
Radiators	X			
Radiator Bank	X			
Tank Pressure	X			
Tank Oil Level	X			
Temperature Gauge	X			
Cooling Fans		none		

TRANSFORMER LTC or VOLTAGE REGULATORS

RATING: 1 2 3 4

(Circle One)

Tank Oil Level	X			
Drag Hand Positions	X			
Cabinet Light		none		
Operation Count	X			
Tank Pressure	X			
Cabinet Heater		none		
Cabinet Contamination	X			

ANNUAL SUBSTATION INSPECTION FORM

EQUIPMENT LISTING	SUBSTATION INSPECTION CRITERIA		COMMENTS	MAINTENANCE COMPLETED	Date Item Corrected	Corrected by
	Date	Inspected by				
Transformer						
LTC or regulators						
High Voltage Breaker						
Feeder CBs / Reclosers						
Switches						
Control house battery						
Transmission line RFI						

MONTHLY SUBSTATION INSPECTION FORM

INSPECTED BY: Rick + Mark

DATE: 9/25/02

SUBSTATION: Mayo West

HIGH & LOW VOLTAGE BUSS WORK

RATING: 0 1 2 3 4 (Circle One)

Inspected		Comments	Date Corrected	Corrected By
Bushing, Insulator, Arrestor, and Supports	X			
Bird Nests	X			
Transformer Bushings	X			
Cable Terminators	X			

MANUAL SWITCHES

RATING: 0 1 2 3 4 (Circle One)

Properly Labeled	X			
Ground Connections	X			
Positioning and Alignment	X			
Bushings and Supports	X			

MOTOR OPERATED SWITCHES

RATING: 0 1 2 3 4 (Circle One)

OPEN/CLOSED Indicator				
Proper Labeling				
Cabinet Heater		N/A		
Operations Counter				
locking criteria				

MONTHLY SUBSTATION INSPECTION FORM

SPECTED BY: Rick & mark

ATE: 9/25/02

JBSTATION: Mayo West

FEEDER CIRCUIT BREAKER / RECLOSER

RATING: (0) 1 2 3 4

(Circle One)

MONTHLY SUBSTATION INSPECTION FORM

INSPECTED BY: RICK

DATE: 9/25/02

SUBSTATION: Mazo. West

CONTROL HOUSE/MISCELLANEOUS

RATING: 0 1 2 3 4 (Circle One)

inspected	X	COMMENTS	DATE CORRECTED	CORRECTED BY
Clock Displays Proper Time				
AC/DC Load Center Breakers				
Room Temperature				
Relays				
Panels Labeled Properly				
Panel Lights		N/A		
Announcer Panel				
Panel Meters				
SCADA System RTU				
SCADA Alarms				
Position Indicators Agree				
Relay Target Information				
Emergency Contact Directory 3				
Calltone for Phone				
Safety Equipment				

BATTERY

RATING: 0 1 2 3 4 (Circle One)

Liquid Levels				
Proper Float Voltage on Charger 3				
Battery				
Specific Gravity in Pilot Cell				
Personal Protective Equipment				
Connection Corrosion		N/A		
Leaking Cells				
Dated Solution in Eyewash Station				

YARD & FENCE

RATING: 0 2 3 4 (Circle One)

Fire Extinguisher Charged	none			
Fence Ground Connections	X			
Fence Secured	X			
Security and Emergency Lights	X			
Site Base and Grade	X			
Standing Water	X			
Warning Signs	X			

MONTHLY SUBSTATION INSPECTION FORM

INSPECTED BY: Rick & Mark

DATE: 9/25/02

SUBSTATION: Mayo West

TRANSFORMER MAIN TANK

RATING: 1 2 3 4 (Circle One)

inspected		COMMENTS	DATE CORRECTED	CORRECTED BY
Cil in Bushings	X			
Bushing and Arrestor	X			
Oil Leaks	X			
Main Tank	X			
Sample Valves	X			
Radiators	X			
Radiator Bank	X			
Tank Pressure	X			
Tank Oil Level	X			
Temcerature Gauge	X			
Cooling Fans		none		

TRANSFORMER LTC or VOLTAGE REGULATORS

RATING: 1 2 3 4 (Circle One)

Tank Oil Level	X			
Crac Hand Positions	X			
Cabinet Licht		None		
Oceration Count	X			
Tank Pressure	X			
Cabinet Heater		none		
Cabinet Contamination	X			

ANNUAL SUBSTATION INSPECTION FORM

Date _____ Inspected by _____ Substitution _____

SUBSIDIARY INSPECTION CRITERIA	COMMENTS	MAINTENANCE COMPLETED	Date Item Corrected	Corrected by
			EQUIPMENT LISTING	
Rating Criteria	0) Good Condition 1) Good Condition but aging 2) Non-critical Maintenance Required 3) Priority Maintenance Required 4) Urgent Maintenance Required			
IR / RFI scans and checks				
Processor certification labels				
Equipment part construction				
Nameplate legible				
Battery checks - intercell resistance, individual cell voltages, cell specific gravity				
Perform cell and DGA analysis				
Check condition of concrete pads				
Check equipment for level				
Transformer				
LTC or regulators				
High Voltage Breaker				
Feeder CBs / Reclosers				
Switches				
Control house battery				
Transmission line RFI				

MONTHLY SUBSTATION INSPECTION FORM

INSPECTED BY: Mark

DATE: Oct 17, 2002

SUBSTATION: Mazo West

HIGH & LOW VOLTAGE BUSS WORK

RATING: 0 1 2 3 4 (Circle One)

	inspected	COMMENTS	DATE CORRECTED	CORRECTED BY
Bushing, Insulator, Arrestor, and Supports	X			
Bird Nests	X			
Transformer Bushings	X			
Cable Terminators	X			

MANUAL SWITCHES

RATING: 0 1 2 3 4 (Circle One)

Properly Labeled	X
Ground Connections	X
Positioning and Alignment	X
Bushings and Supports	X

MOTOR OPERATED SWITCHES

RATING: 0 1 2 3 4 (Circle One)

OPEN/CLOSED Indicator	X
Proper Labeling	X
Cabinet Heater	X
Operations Counter	X
locking criteria	X

MONTHLY SUBSTATION INSPECTION FORM

INSPECTED BY: Mark

DATE: 10-17-02

SUBSTATION: Maz 20 West

CONTROL HOUSE/MISCELLANEOUS

RATING: 0 1 2 3 4 (Circle One)

inspected	X	COMMENTS	DATE CORRECTED	CORRECTED BY
Clock Displays Proper Time		N/A		
AC/DC Load Center Breakers				
Room Temperature				
Rodents				
Panels Labeled Properly				
Panel Lights				
Announcer Panel				
Panel Meters				
SCADA System RTU				
SCADA Alarms				
Position Indicators Agree				
Relay Target Information				
Emergency Contact Directory				
Dialogue for Phone				
Safety Equipment				

BATTERY

RATING: 0 1 2 3 4 (Circle One)

Liquid Levels				
Proper Float Voltage on Charger & Battery				
Specific Gravity in float Cell				
Personal Protective Equipment				
Connection Corrosion				
Leaking Cells				
Dated Solution in Eyewash Station				

YARD & FENCE

RATING: 0 1 2 3 4 (Circle One)

Fire Extinguisher Charged		N/A		
Fence Ground Connections	X			
Fence Secured	X			
Security and Emergency Lights	X			
Site Base and Grade	X			
Standing Water	X			
Warning Signs	X			

MONTHLY SUBSTATION INSPECTION FORM

INSPECTED BY: Mark

DATE: 10-17-02

SUBSTATION: Maz 0 WEST

TRANSFORMER MAIN TANK

RATING: 0 1 2 3 4

(Circle One)

inspected	X	COMMENTS	DATE CORRECTED	CORRECTED BY
Oil in Bushings	X			
Bushing and Arrestor	X			
Oil Leaks	X			
Main Tank	X			
Sample Valves	X			
Radiators	X			
Radiator Bank	X			
Tank Pressure	X			
Tank Oil Level	X			
Temperature Gauge	X			
Cooling Fans		N/A		

TRANSFORMER LTC or VOLTAGE REGULATORS

RATING: 0 1 2 3 4

(Circle One)

Tank Oil Level	X			
Drac Hand Positions	X			
Cabinet Light		N/A		
Oeration Count	X			
Tank Pressure	X			
Cabinet Heater		N/A		
Cabinet Contamination	X			

ANNUAL SUBSTATION INSPECTION FORM

Date _____ Inspected by _____

Substation _____

EQUIPMENT LISTING	SUBSTATION INSPECTION CRITERIA	COMMENTS	Maintenance Completed	Date Item Corrected Corrected By
Transformer	Rating Criteria	IR / RFI scans and checks		
LTC or regulators	0) Good Condition 1) Good Condition but aging 2) Non-critical Maintenance Required 3) Priority Maintenance Required 4) Urgent Maintenance Required			
High Voltage Breaker				
Feeder CBs / Reclosers				
Switches				
Control house battery				
Transmission line RFI				

MONTHLY SUBSTATION INSPECTION FORM

INSPECTED BY: *Mack*

DATE: 10-17-02

SUBSTATION: Mayo West

FEEDER CIRCUIT BREAKER / RECLOSER

RATING: 0 1 2 3

(Circle One)

MONTHLY SUBSTATION INSPECTION FORM

INSPECTED BY: Mark & Cory

DATE: 11/21/02

SUBSTATION: Mazlo West

HIGH & LOW VOLTAGE BUSS WORK

RATING: 0 1 2 3 4 (Circle One)

inspected	X	COMMENTS	DATE CORRECTED	CORRECTED BY
Bushing, Insulator, Arrestor, and Supports	X			
Bird Nests	X			
Transformer Bushings	X			
Cable Terminators	X			

MANUAL SWITCHES

RATING: 0 1 2 3 4 (Circle One)

Properly Labeled	X			
Ground Connections	X			
Positioning and Alignment	X			
Bushings and Supports	X			

MOTOR OPERATED SWITCHES

RATING: 0 1 2 3 4 (Circle One)

OPEN/CLOSED Indicator				
Proper Labeling				
Cabinet Heater				
Operations Counter				
Locking criteria				

MONTHLY SUBSTATION INSPECTION FORM

INSPECTED BY: Mark + Cory
 DATE: 11/21/02
 SUBSTATION: Maz 0 West

TRANSFORMER MAIN TANK		RATING: 0 1 2 3 4	(Circle One)	
inspected		COMMENTS	DATE CORRECTED	CORRECTED BY
Oil in Bushings	X			
Bushing and Arrestor	X			
Oil Leaks	X			
Main Tank	X			
Sample Valves	X			
Radiators	X			
Radiator Bank	X			
Tank Pressure	X			
Tank Oil Level	X			
Temperature Gauge	X			
Cooling Fans	X			

TRANSFORMER LTC or VOLTAGE REGULATORS		RATING: 0 1 2 3 4	(Circle One)	
inspected		COMMENTS	DATE CORRECTED	CORRECTED BY
Tank Oil Level	X			
Drac Hand Positions	X			
Cabinet Light	N/A			
Operation Count	X			
Tank Pressure	X			
Cabinet Heater	N/A			
Cabinet Contamination	X			

MONTHLY SUBSTATION INSPECTION FORM

INSPECTED BY: *Mark + Cory*
 DATE: *11/21/02*
 SUBSTATION: *Mazco West*

CONTROL HOUSE/MISCELLANEOUS

RATING: 0 1 2 3 4

(Circle One)

inspected	X	COMMENTS	DATE CORRECTED	CORRECTED BY
Clock Displays Proper Time				
AC/DC Load Center Breakers				
Room Temperature				
Rodents				
Panels Labeled Properly				
Panel Lights	-			
Announcer Panel	-			
Panel Meters				
SCADA System RTU				
SCADA Alarms				
Position Indicators Agree				
Relay Target Information				
Emergency Contact Directory 3				
Dialtone for Phone				
Safety Equipment				

BATTERY

RATING: 0 1 2 3 4

(Circle One)

Liquid Levels				
Proper Float Voltage on Charger 3				
Batteries				
Specific Gravity in Plate Cell				
Personal Protective Equipment	-			
Connection Corrosion	-			
Leaking Cells				
Dated Solution in Eyewash Station				

YARD & FENCE

RATING: 0 1 2 3 4

(Circle One)

Fire Extinguisher Charged	-	<i>N/A</i>		
Fence Ground Connections	-	X		
Fence Secured	X			
Security and Emergency Lights	X			
Site Base and Grade	X			
Standing Water	X			
Warning Signs	X			

MONTHLY SUBSTATION INSPECTION FORM

INSPECTED BY: Mark ✓ ~~Bob~~ Cory

DATE: 11/21/02

SUBSTATION: Mazo West

RATING: 0 1 2 3 4 (Circle One)

ANNUAL SUBSTATION INSPECTION FORM

Date _____ Inspected by _____

Substitution

SUBSTATION INSPECTION CRITERIA	COMMENTS	MAINTENANCE COMPLETED	Corrected By	
			Date Item Corrected	
Rating Criteria	0) Good Condition 1) Good Condition but aging 2) Non-critical Maintenance Required 3) Priority Maintenance Required 4) Urgent Maintenance Required			
IR / RFI scans and checks				
Proper identification labels				
Equipment paint condition				
Nameplate legible				
Battery checks - intercell strand resistances, individual cell voltages, cell specific gravity				
Perform oil and DGA analysis				
Check condition of concrete pads				
Check equipment for level				
Transformer				
LTC or regulators				
High Voltage Breaker				
Feeder CBs / Reclosers				
Switches				
Control house battery				
Transmission line RFI				

MONTHLY SUBSTATION INSPECTION FORM

INSPECTED BY: Rick + Mark + Cory =

DATE: Dec 5, 2002

SUBSTATION: Ma20 West

HIGH & LOW VOLTAGE BUSS WORK

RATING: 0 1 2 3 4 (Circle One)

inspected	X	COMMENTS	DATE CORRECTED	CORRECTED BY
Bushing, Insulator, Arrestor, and Supports	X			
Bird Nests	X	none		
Transformer Bushings	X			
Cable Terminators	X			

MANUAL SWITCHES

RATING: 0 1 2 3 4 (Circle One)

Properly Labeled	X			
Ground Connections	X			
Positioning and Alignment	X			
Bushings and Supports	X			

MOTOR OPERATED SWITCHES

RATING: 0 1 2 3 4 (Circle One)

OPEN/CLOSED Indicator				
Proper Labeling				
Cabinet Heater				
Operations Counter				
locking criteria				

MONTHLY SUBSTATION INSPECTION FORM

INSPECTED BY: Mark, Rick & Cory

DATE: 12/5/02

SUBSTATION: Maro West

CONTROL HOUSE/MISCELLANEOUS

RATING: 0 1 2 3 4 (Circle One)

inspected	X	COMMENTS	DATE CORRECTED	CORRECTED BY
Clock Displays Proper Time				
AC/DC Load Center Breakers				
Room Temperature				
Rodents				
Panels Labeled Properly				
Panel Lights		<u>N/A</u>		
Announcer Panel				
Panel Meters				
SCADA System RTU				
SCADA Alarms				
Position Indicators Agree				
Relay Target Information				
Emergency Contact Directory				
Diaticne for Phone				
Safety Equipment				

BATTERY

RATING: 0 1 2 3 4 (Circle One)

Liquid Levels				
Proper Float Voltage on Charger & Batteries				
Specific Gravity in Plate Cell				
Personal Protective Equipment				
Connection Corrosion		<u>N/A</u>		
Leaking Cells				
Dated Solution in Eyewash Station				

YARD & FENCE

RATING: 0 1 2 3 4 (Circle One)

Fire Extinguisher Charged	<input checked="" type="checkbox"/>	none		
Fence Ground Connections	<input checked="" type="checkbox"/>			
Fence Secured	<input checked="" type="checkbox"/>			
Security and Emergency Lights	<input checked="" type="checkbox"/>			
Site Base and Grade	<input checked="" type="checkbox"/>			
Standing Water	<input checked="" type="checkbox"/>			
Warning Signs	<input checked="" type="checkbox"/>			

MONTHLY SUBSTATION INSPECTION FORM

INSPECTED BY: Rick, Mark & Cory

DATE: 12/15/02

SUBSTATION: Maze west

TRANSFORMER MAIN TANK

RATING: 1 2 3 4

(Circle One)

inspected	X	COMMENTS	DATE CORRECTED	CORRECTED BY
Oil in Bushings	X			
Bushing and Arrestor	X			
Oil Leaks	X			
Main Tank	X			
Sample Valves	X			
Radiators	X			
Radiator Bank	X			
Tank Pressure	X			
Tank Oil Level	X			
Temperature Gauge	X			
Cooling Fans	None			

TRANSFORMER LTC or VOLTAGE REGULATORS

RATING: 1 2 3 4

(Circle One)

Tank Oil Level	X		
Drac Hand Positions	X		
Cabinet Light	none		
Oeration Count	X		
Tank Pressure	X		
Cabinet Heater	none		
Cabinet Contamination	X		

MONTHLY SUBSTATION INSPECTION FORM

INSPECTED BY: Mark, Rick, Cory

DATE: 12/5/02

SUBSTATION: M424 WCS+

**FEEDER CIRCUIT BREAKER /
RECLOSER**

RATING: 0 1 2 3 4 (Circle One)

ANNUAL SUBSTATION INSPECTION FORM

EQUIPMENT LISTING	SUBSTATION INSPECTION CRITERIA	COMMENTS	MAINTENANCE COMPLETED	
			Date Item Corrected	Corrected By
Transformer	Rating Criteria 0) Good Condition 1) Good Condition but aging 2) Non-critical Maintenance Required 3) Priority Maintenance Required 4) Urgent Maintenance Required			
LTC or regulators	IR / RFI scans and checks			
High Voltage Breaker	Proper identification labels			
Feeder CBs / Reclosers	Equipment paint condition			
Switches	Nameplate legible			
Control house battery	Battery checks - intercell resistance, individual cell voltages, cell specific gravity			
Transmission line RFI	Perform cell and DGA analysis			
	Check equipment for level			
	Check condition of concrete pads			
	Perform oil and DGA analysis			
	Battery checks - intercell resistance, individual cell voltages, cell specific gravity			
	Equipment paint condition			
	Nameplate legible			
	Proper identification labels			
	IR / RFI scans and checks			
	Rating Criteria 0) Good Condition 1) Good Condition but aging 2) Non-critical Maintenance Required 3) Priority Maintenance Required 4) Urgent Maintenance Required			

GOALS ESTABLISHED AND ACHIEVED
1-9-03

It was the goal of Mazomanie to complete the monthly substation inspection and inspect at least 20% of the distribution line. We expected to complete all scheduled maintenance resulting from these inspections. The inspection goals were completed. I would estimate that we inspected 80% of the system out of our substation and bay rented from Alliant Energy. Urgent maintenance issues were repaired right away or within days and other issues were repaired as they were scheduled. We trimmed areas as needed, but want to work into a three-year rotation. We have done a lot of trimming over the last two years as the system was in dire need of trimming.

It became my goal to clean up several temporary jobs not completed. We completed the jobs that were done in a temporary fashion.



Robert A Harper

FACILITY CONDITION
1-8-03

During the past two years 80%% of the distribution lines were inspected and substation inspections were completed. The critical maintenance was repaired before they caused customer outages. Storm related outages have been reduced considerably because of our aggressive tree trimming.

We have worked on our fusing coordination to reduce outages. I plan to replace the old underground main feeder cable around the village. We will contract for directional boring and will do the remaining work in-house. We did complete 3000 feet of three-phase line along the industrial park. We plan to do a similar chunk of line next year. The plan is to have this main frame three-phase new over the next three years. We also plan to roll more load onto the new substation in the future. We are also converting 2400 to 7200 around the village. Over the last two years we have converted several areas of the village. We just completed a project where we converted 18 customers from old 2400 overhead to 7200 volt underground in a fairly new subdivision. I want to continue removing this old 2400 overhead line around the village because it is in bad shape. How much that is accomplished will depend upon board approval.

We contracted Alliant Energy to build a new substation. We have a very nice substation on the west side of the village. We do have to supply power to more customers from this substation and reduce the load on the bay rented from Alliant Energy. "Again", board approved funding will be a large factor in how much gets completed.

Robert A Harper
Robert A Harper